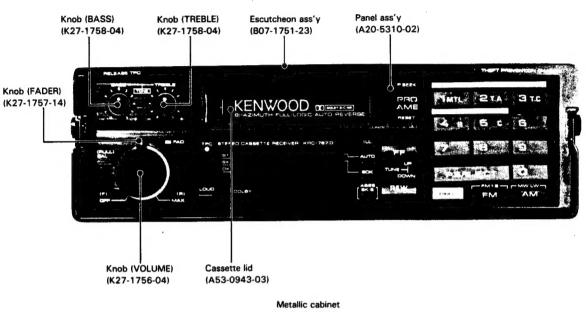
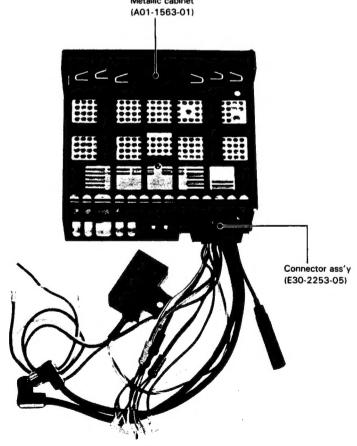
KRC-767D SERVICE MANUAL

KENWOOD

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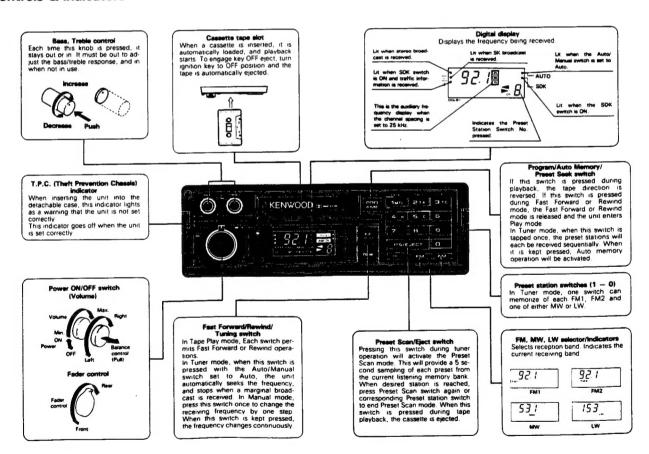
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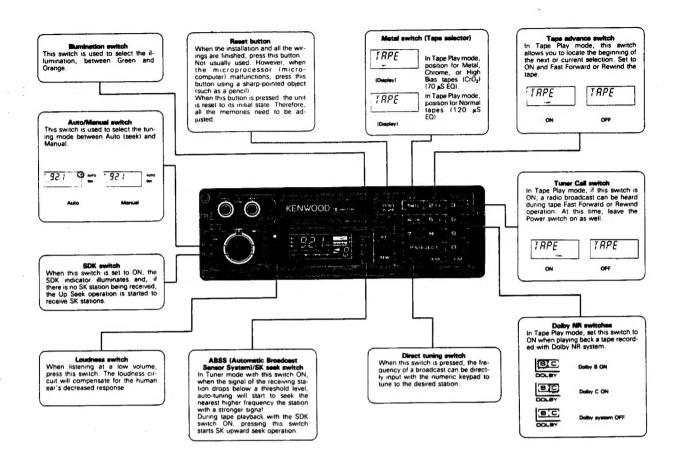
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Controls & indicators





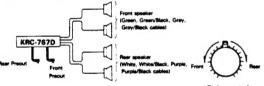
CONTROLS & INDICATORS



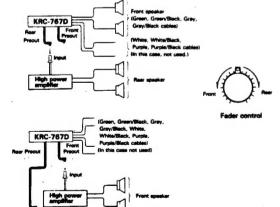
Fader control

When a 4-speaker system is constructed using the fader control, 3 types of operation are possible as follows.

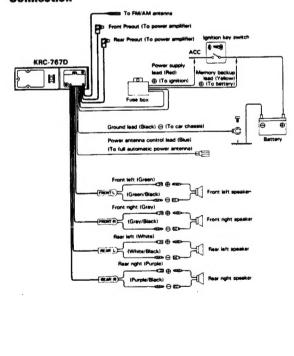
1. To use as a power fader



2. To use as a precut fade



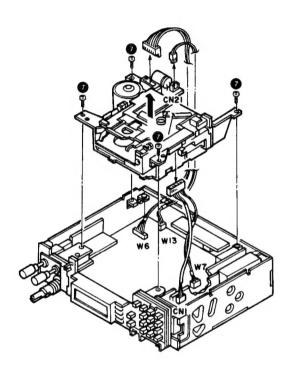
Connection





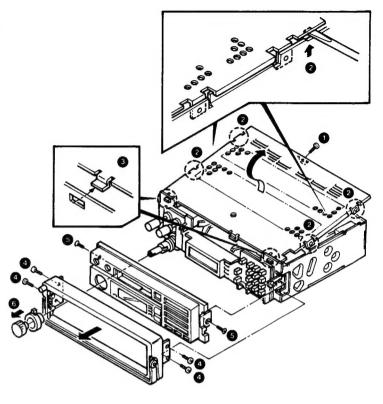
DISASSEMBLY FOR REPAIR

- 1. Remove the screw 1 at the rear of the top cover.
- 2. Using the flat-blade screwdriver, remove the hooks at the both sides of the top cover in the direction of the arrow. 2
- 3. Remove the top cover paying attention to the two lugs located at the front side of the top cover. 3
- 4. Remove the four screws 4 retaining the handle.
- Remove the two screws 3 at the both sides of the front panel.
- 6. Remove the volume knob and the fader knob in the direction of the arrow, then remove the front panel in the direction of the arrow.



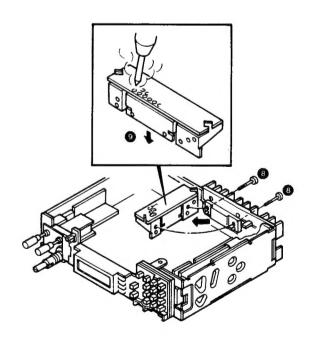
Removing the power IC

- 8. Remove the two screws (3) retaining the power IC at the rear, and slide it in the direction of the arrow.



Removing the mechanism assembly

7. Remove the four screws 7 retaining the mechanism ass'y, and remove the three connectors.





DISASSEMBLY FOR REPAIR/BLOCK & LEVEL DIAGRAM

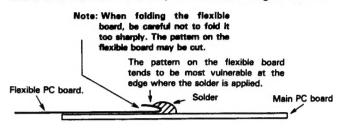
Removing and installing the flexible PC board

1. Removing

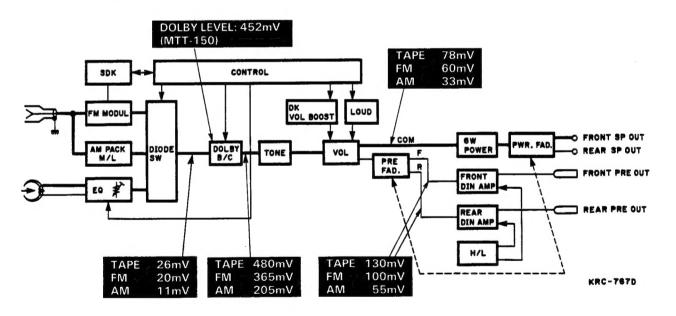
Using a soldering iron, heat the flexible board from one end to other for removal.

2. Installing

Bend the edge of the flexible board, and solder the flexible board onto the main PC board, as shown in the figure below.



Block & level diagram





Description of components

Tuner Unit (X05-3362-70, 2-71)

Device	Use and Function	Operation, Condition and Compatibility
IC1	FM IF AMP/DET	Equivalent to LA1140
IC2	NOISE CANCELLER/MPX	Equivalent to LA2110, LA3376
Q2	IF AMP	
Q3	ANRC BUFF	
Q4	FM BAND-WIDTH CONTROLL Turns OFF when SEEK is engaged	
Q5	ANRC DRIVE	
Q6	CRSC	

Preamp Unit (X08-2202-70, 2-71)

Device	Use and Function	Operation, Condition and Compatibility
IC1	TAPE EQ AMP	
IC2	DOLBY B/C	(NR-9550 or BH-2421)

Audio Unit (X11-2422-70, 2-72)

Device	Use and Function	Operation, Condition and Compatibility
IC1	TONE AMP	
IC3	POWER AMP	(TA7263P)
Q1 ~ 4	LOUDNESS SW	
Q5, 6	MUTE	
Q7 ~ 8	DK VOL-UP SW	Turns OFF when DK is ON
Q9	LOUDNESS CONTROL	

Synthesizer Unit (X14-2172-70, 2-71)

Device	Use and Function	Operation, Condition and Compatibility
IC1	MICROPROCESSOR	Controls PLL IC (IC2), E-VOL IC and LCD DRIVER IC with serial data. Provides the KEY MATRIX and processes the key operations of the front panel. Mechanism control, EQ/DOLBY control, audio signal selection control, power control, ILL control, etc.
IC2	PLL IC	Comprising the PLL IC together with the AM PACK and the LOCAL OSC in the FM FRONTEND.
IC3, 4	KEY SW	Accepts the ST/SK/DK display logic, F/R signal of TAPE, RST signal and PACK IN from external, then inputs the corresponding KEY MATRIX of the microprocessor.
IC5	GAP DETECTION IC for T-ADV	
IC6	BUFF AMP	PRE AMP for REAR
IC7	BUFF AMP	PRE AMP for FRONT
Q4	INV. for RST signal from external	
Q5	Buffer for Q4's output	
Q6	INV. for outputting the DK signal to external	
Q9, 10	10V R.P.S. (Regulated Power Supply) for ILL	
Q11, 12	Switch for ILL	
Q13	Q12 inhibit Switch	
Q14 ~ 17	P-CON output circuit	
Q18, 19	5.6V, R.P.S.	
Q20	PWR ON 5.6V SW	



Device	Use and Function	Operation, Condition and Compatibility		
Q21	INV. for generating POWER ON ''low'' signal			
Q22	PWR ON ACC SW			
Q23, 24	R.P.S. for 9V			
Q25	Display inhibit Switch			
Q26	POWER ON MUTE generator			
Q29, 30	AUDIO MUTE DRIVER			
Q35, 36	ILL select circuit (regulated line)			
Q37 ~ 40	ILL select circuit (non-regulated line)			
Q41, 42	MOTOR DRIVER for mechanism			
Q43 ~ 45	Plunger Driver for mechanism			
Q46	DK "low" signal generating Switch			
Q47, 48	IGN (ignition) "high" detection circuit			
Q49 *	Microcomputer MUTE INV.			
Q50 ~ 52	Backup voltage detection comparator			
Q53 ~ 56	RST STBY circuit			
Q57, 58	Manual RST circuit			
Q59 ~ 67	Microcomputer output Inverter			
Q68 ~ 73	AM/FM 9V Switch			
Q74	SK LAMP ON logic inhibit Switch			
Q75	PACK IN 5V generating Switch			
Q76	ST LAMP ON Switch			
Q79	FM AFC time constant select logic generating Switch			
Q80	PLL LPF (low-pass filter) for FM			
Q81, 82	PLL LPF (low-pass filter) for AM			
Q83	FM SEEK Stop Switch			
Q84	SD. INV (inverter)			
Q85	AM SEEK Stop Switch			
Q86	Bias Cut Switch for AM Audio Diode			
Q88	AM PACK "BS" Switch			
Q89, 91	AM AGC Cut Switch			
Q90	AM S-METER BUFF			
Q92, 93	PRE OUT H/L Switch			
Q94, 95	PRE OUT H/L Switch			
Q99, 100	Bias Cut Switch for FM Audio Diode			

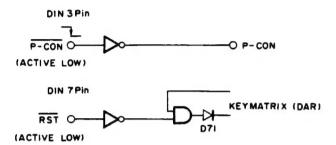


Circuit description

Mutual Reset Operation

 During operation of this unit, when the external RST signal becomes low, the DAR (Digital Audio RST) key is turned ON and IC1 (microcomputer) turns the P-CON output (active low) to OFF (becomes high). Therefore, P-CON becomes low.

(However, since the unit is set to the tuner mode, operation of the tuner is possible.)



- 2) When the tape is loaded, the microcomputer turns the P-CON output to ON (becomes low). So, the P-CON is inverted to high. Then the external RST signal is inverted to high so that the DAR key is turned OFF.
- 3) When 1) occurs during the operation 2), the tape will be ejected.

BA3708F Gap Detection IC

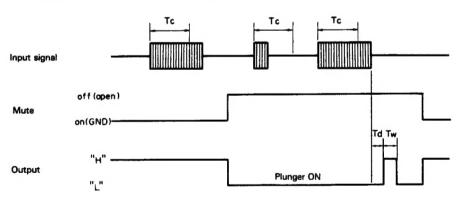
1. Outline

The BA3708F is the gap detection IC for the blank sections between tunes (taped selections). Designed to search for the beginning of tunes desired for play. This function operates on 3 Volts.

When the level of the signal is higher than the input judgment level Vin and the signal length is longer than the music signal

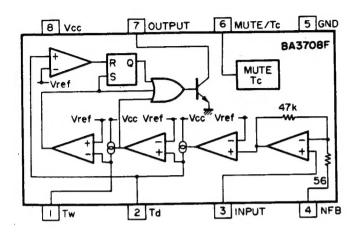
detection time Tc, this IC outputs a pulse, with a width of Tw, after a pulse delay time Td has elapsed from the end of that signal. The output signal is the open collector signal which can drive the plunger directly.

It also has a mute function which forcibly stops the detection operation.





Block Diagram



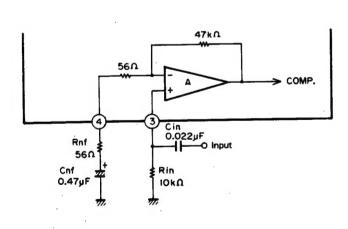
2. Connection of each pin

Pin No.	Pin Name	Operation Description
1	Tw (pulse width) pin	Connects the time constant Cw Rw
2	Td (pulse delay time) pin	Connects the time constant Cd Rd
3	Input pin	Inputs the audio signal (bias resistance is required)
4	NFB pin	Connects CR for NFB (DC cut is required)
5	GND pin	Connects to GND
6	To (music signal detection time) mute pin	Connects Cc and the mute switch
7	Output pin	Drives the plunger directly
8	Vcc pin	2.0 V~5.0 V

3. Operations of each circuit

3-1. Input amp

The input amp consists of the differential amp of the PNP transistor, and the input pin (pin 3) should be directly grounded with the bias resistance of Rin. If this Rin is set to a larger value, the input offset occurs and the operation of the unit may become unstable. Special attention must be paid to this. The gain and the frequency response of this amp is determined by Cin, Rin, and Cnf, Rnf of the NFB pin (pin 4).

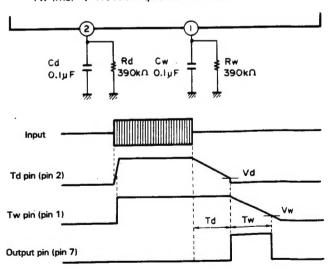


3-2. Pulse delay time Td and pulse width Tw

The time Td after the input signal stops, the pulse signal having the pulse width of Tw is output from the output pin (pin 7).

The values of Td and Tw are determined by the time constant of CR which is connected to pin 2 and pin 1 respectively.

Td (ms) $\rightleftharpoons 1.7 \times \text{Cd } (\mu\text{F}) \times \text{Rd (kohm)}$ Tw (ms) $\rightleftharpoons 1.6 \times \text{Cw } (\mu\text{F}) \times \text{Rw (kohm)}$

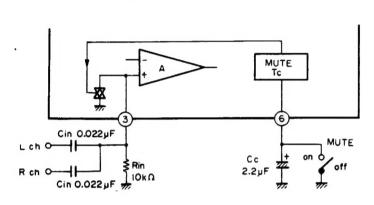




3-3. Music signal detection time Tc and the mute circuit

To prevent malfunction against any noise in the gap between tunes, a music signal detection function is incorporated into this unit. With this function, the plunger drive pulse is output only when the detected signal is longer than the music signal detection time Tc. Therefore, the pulse is not output when the detected signal is short (noise is present). The length of Tc is determined by the value of the capacitor Cc which is connected to pin 6.

Also, when pin 6 is grounded, the mute circuit is engaged to stop the between-tunes gap detection operation. In this case, the input resistance of the input pin (pin 3) is lowered (to approx. 1 kohm) to prevent deterioration of the crosstalk between channels of the L/R both-channel input system.

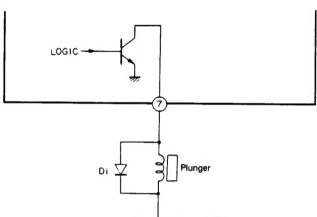


3-4. Output circuit

The output circuit is an open collector design, and is suitable for the situation in which the plunger is turned ON during searching operation. The maximum allowable driving signal is one having a pulse width Tw of 200 ms, duty cycle of 30 % and an output current lo of 100 mA.

For the mute function, the output signal is turned OFF forcibly and the signal level becomes high.

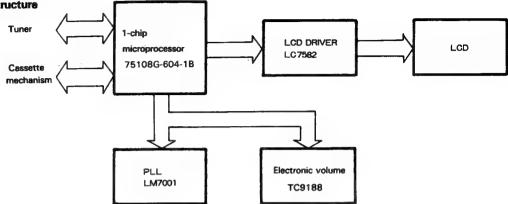
Since the IC might be damaged due to the counter electromotive force generated in the solenoid of the plunger, a discharging diode should be inserted in parallel to the solenoid.





μPD75108G-604-1B Microprocessor IC

1. Outline, Features and Structure



- Controls the PLL IC SANYO LM7001.
- Operates the LCD driver LC7582 with the signal having 1/2 bias in 1/2 duty.
- Operates the Volume, Tone, Balance, Fader, ATT (Attenuator), Loudness, and Boost controls, etc. using the electronic volume TC-9188. (Setting of Valid/invalid selection is made possible.)
- Clock function while displaying 12-hour system.
- Direct access using the numeric (10-key) keypad.
- Control function exclusively for the mechanism (CDS-50).
- Mutual reset function with the digital audio.
- SDK function
- Assuring the 2V backup function.

2. Term definition

• Tuner Call:

This is the function which allows listening to the radio while fast-forwarding or rewinding a tape.

• Tuner Call ON:

This is the condition that the tuner call function is possible.

During Tuner Call:

This is the condition that the tuner call function is ON and the tape is fast-forwarded or rewound and, the radio sound should be output.

• Last Channel:

When the unit is turned OFF or is switched to tape mode, the frequency of the last received station is stored in the memory for each band (AM/FM).

When recalling a preset channel, the exact same frequency of the previously set station will be recalled. However, the "last channel's" frequency is not included in the preset channels.

Channel Edge

Lowest channel edge: Single channel Highest channel edge: 6-ch, 8-ch or 0-ch according to the microprocessor design (for each destination area).

SDK mode:

The FM band status in which SK and DK detection is possible.

• DK Input:

DK signal input when SDK signal is present.

• During DK Interrupt:

In radio mode, the volume level is raised.

In tape mode, the radio interrupts with a raised volume level. Generally, the "DK Interrupt" function is active when a DK input is detected. However, since DK Interrupt may continue even when the DK input signal momentarily ceases.



3. Channel Plan

Receiving Frequency Range, Channel Spacing, Reference Frequency, and Intermediate Frequency

	Band Receiving frequency ran		Channel spacing	spacing	Reference	Intermediate	
			Auto	Manual	frequency	frequency	Local
U.S.A.	FM	87.9~107.9 MHz	200 kHz	-	25 kHz	10.7 MHz	Upper
U.S.A.	MW	530~1620 kHz	10 kHz		10 kHz	450 kHz	Upper
	FM	87.5 ~ 108.0 MHz	50 kHz	25 kHz	25 kHz	10.7 MHz	Upper
Europe	MW	531 ~ 1611 kHz	9 kHz	9 kHz	9 kHz	450 kHz	Upper
	. LW	153~281 kHz	9 kHz	1 kHz	1 kHz	450 kHz	Upper
Middle and	FM	87.5~108.0 MHz	50 kHz	25 kHz·	25 kHz	10.7 MHz	Upper
near East	MW	531 ~ 1611 kHz	9 kHz	-	9 kHz	450 kHz	Upper
Japan	FM	76.1~89.9 MHz	100 kHz	-	25 kHz	10.7 MHz	Lower
	MW	522~1629 kHz	9 kHz	-	9 kHz	450 kHz	Upper

Setting method of value N

fosc = fRF - IF (Lower Local)

fosc = fRF + IF (Upper Local)

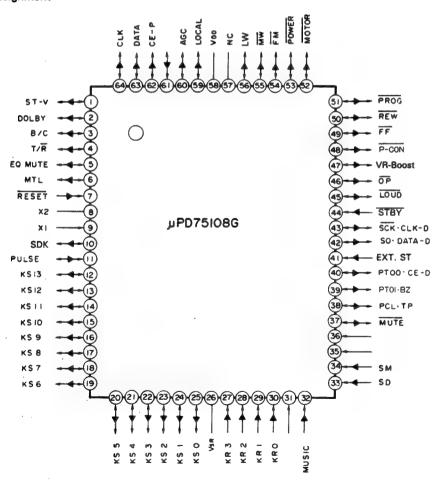
fRF

N: Number of divisions of the program divider

IF

fref

4. Port Assignment



- * The pull-up resistor for the mask OP (pin 12 14) is not incorporated.
- * The power-ON reset circuit and the power-On flag for the mask OP are not incorporated.



Output Port Description

Pin No.	Pin Name	Operation Description
1	ST-V	Strobe Pulse (for electronic volume). Active high.
2	DOLBY	DOLBY NR. Active high. (Should be OFF during tuner call or when DK interrupt is engaged.) Outputs the signal when DOLBY is ON. This is effective in the tape mode only. (In one case, it turns only DOLBY B ON, and in the other case, it turns ON for both DOLBY B and C.)
3	B/C .	DOLBY C NR. Active high. (Should be OFF during tuner call or when DK interrupt is engaged.) Outputs the signal when DOLBY C is ON. This is effective in the tape mode only.
4	T/R	Tape/Radio selector. Tape: High In the tape mode, this outputs the high level signal. However, during tuner call or DK interrupt is engaged, it becomes low. (This output signal must not be cease due to tape/radio mode switching during DK interrupt operation.)
5	EQ MUTE	Tape Equalizer Mute Active high. In the tape mode, this outputs the high level signal when the tape is fast-forwarded or rewound or in the pause mode.
6	MTL	Metal Tape Position Active high. In the tape mode, the signal is output when the METAL function is ON.
10	SDK	SDK Switch Active high. Outputs the signal when the SDK is ON (in either tape or radio mode). (Output signal should not cease even when the mode is changed over with SDK ON.)
12 25	KS	Key Source signal Active high.
37	MUTE	Audio Mute output Active low.
38	T.P.	Test Point, System Clock Active high. This outputs the pulse which is divides the reference oscillator frequency into 8. Used for fine adjustment of the reference clock. It is output only when the ACC is OFF and the power is OFF.
39	BZ	Buzzer output Active high. This outputs a pulse of 2.7 kHz for 60 ms when required. This buzzer tone may be out- put twice with an interval of 190 ms.

Pin No.	Pin Name	Operation Description
40	CE-D	CHIP ENABLE for DISPLAY Active "H"
42	DATA-D	SERIAL DATA for DISPALY Active "H"
43	CLK-D	CLOCK PULSE for DISPLAY Active "L"
45	TOUD	Loudness Active low. With power ON, when the loudness switch is set to ON, this output becomes low.
46	ŌР	Option Active low. With power ON, when the option is set ON, this port becomes low.
47	VR-BOOST	Volume Boost output Active low. Enable only when power is ON. Becomes low when the noise switch is ON (only when no SDK signal is present.) Becomes low during DK interrupt (only when the SDK signal is present.)
48	P-CON	Outputs the power control signal (for the subsequent models). Active low.
49	FF	Outputs the fast forward solenoid control signal. Active low. Effective only in the tape mode.
50	REVV	Outputs the rewind solenoid control signal. Active low. Effective only in the tape mode.
51	PLAY/ PROG	Outputs the Play/Program solenoid control signal. Active low. Effective only in the tape mode.
52	MOTOR	Motor Drive Active low. Effective in the tape mode only. It becomes low when the motor is rotated.
53	POWER	Power Control of this unit. Active low. It is always low with the power ON.
54	FM	FM Band output Active low. During tuner call in both radio and tape modes, this outputs a low level signal when the band is set to FM with the SDK signal ON.
55	MW	MW Band output Active low. During tuner call in both radio and tape modes, this outputs a low level signal when the band is set to MW with the SDK signal ON.



Pin No.	Pin Name	Operation Description
56	LW	LW Band output Active low. When LW is available: This outputs a low level signal when the radio band is set to LW in both the radio and tape modes. When LW is not available: During tuner call in both radio and tape modes, this outputs a low level signal when the "AUTO" is ON, regardless of the band switch.
59	LOCAL	Local/DX output Local: high, DX: low During tuner call in both radio and tape modes, this outputs a high level signal when the local switch is set ON.
60	AGC CUT	Output for AGC Cut Active high.
62	CE-P	Chip Enable for PLL Outputs the serial data of the PLL IC, and CE signal output. Active high.
63	DATA	Data for PLL & Volume Outputs the data for PLL IC, electronic volume and serial data. Active high.
64	CLK	Clock-pulse for PLL & Volume Outputs the clock (CLK) pulse for PLL IC, electronic volume and serial data. Active high.

Input Port Description

Pin No.	Pin Name	Operation Description
7	RESET	Reset input Active low. Input signal for initialization or releasing the STBY (standby) mode.
27 30	KR	Key Return input Active high.
11	PULSE	Reel Pulse detection input Active high. Used for rotation detection of the mechanism.
32	MUSIC	Music Signal Sensor Active high. $Vfh = 5 \times \frac{7 + 0.5}{16} = 2.34375V$ Low: input voltage $0 < L < 0.3$ High: input voltage $2.0 < H < VDD$ Variable area $0.3 < X < 2.0$ When this input signal is inverted from high to low during tape winding, the fast-forwarding/rewinding mode is released, then the unit enters play mode.
33	SD	Station Detector Active high. $Vfh = 5 \times \frac{7 + 0.5}{16} = 2.34375V$ Used to search for broadcasting stations in auto tuning mode, and for start detection for ABSS search operation. And when this port is at low level, the illumination of the signal meter will go off. Low: input voltage $0 < L < 0.3$ High: input voltage $2.0 < H < VDD$ Variable area $0.3 < X < 2.0$
34	SM	Signal Meter input A/D input. Lights up the 5-point bar-type level meter according to the input voltage. This functions only when SD is high.
41	EXT RST	External Reset input Active high. On the reset signal input, when this input signal is high, the unit is always initialized.
44	STBY	Standby Mode detection input Active low, INT After interruption occurs or after reset is released, when this port is low, the unit enters the standby mode. After reset is released, when this port is high, the standby mode is released.
61	IGN	Ignition Switch detection input Active high. Goes high when the ignition key is turned ON. If this input signal is low, power is always OFF. If this input signal is high, switching the power between ON and OFF is made possible. However, if the power switch using the touch-sensor key is not used, power is turn- ed ON when this input signal becomes high.



5. Key Matrix

	KR 3 (27)	KR 2 (28)	KR 1 (29)	KR 0 (30)	_	
KS 0 (25)	V DOWN (Electronic volume)	V UP (Electronic volume)	V ATT (Electronic volume)			
1 (24)	TONE (Electronic volume)	POSITION (Electronic volume)	LOUD			
(23)	SDK (E)		FM	АМ		
(22)	LOCAL	AUTO	ABSS	P-SCAN/ EJECT		
4 (21)	SA/PLAY. PROG			ОР	•	Momentary keys
5 (20)			DOWN/REW.	UP/FF		
6 (19)	1/METAL	2/T-ADV	3/T-CALL	4/DOLBY-B		
7 (18)	5/DOLBY-C	6	7	8		
8 (17)	9	0	DIRECT			
9 (16)		PACK IN EJECT	FWD/RVS	SKL (E)		Alternate keys
10 (15)	DAR	DK (E)	SK (E)	ST	_	
11 (14)	POWER A	POWER B				
12 (13)	BAND A	BAND B	FM2 BAND	SDK (E)		Initializing diode switch
13 (12)			DOLBY	E VOL		

The value in the bracket () shows the pin number.



Momentary Keys

Name	Operation Description
ATT	Attenuate Switch Depending on the initial setting, this key may also be used for POWER ON/OFF function. In this case, reading is performed at the power OFF? (boot down?).
V UP	Volume Up Switch Depending on the initial setting, this key may also be used for the POWER ON function.
V DOWN	Volume Down Switch Depending on the initial setting, this key may also be used for the POWER OFF function.
LOUD	LOUDNESS SW
POSITION	Balance/Fader adjustment, Display select switch
TONE	Bass/Treble adjustment, Display select switch
AM	AM Band call switch If "LW" band is provided, this is also used for selection between MW and LW band.
FM	FM Band call switch
SDK	SDK mode call key Calling of the SDK mode is also possible in tape mode.
P-SCAN/EJECT	P-Scan key in radio mode, and Eject key in tape mode.
ABSS	ABSS ON/OFF Key (SDK OFF, RADIO MODE) SK SEEK Key (SDK ON, TAPE or RADIO MODE)
AUTO	Auto Tuning ON/OFF key. This is effective only in radio mode.
LOCAL	Local ON/OFF key. Effective during T-Call or SDK mode in either radio or tape mode.
ME	PRESET MEMORY ENABLE Key
SEEK	Up Seek key. Functions as SK Seek in SDK mode.
SA/PLAY PROG	Sequential Access key in radio mode. PLAY/PROGRAM key in tape mode.
UP/FF	Auto/Manual Up tuning key in radio mode. Fast-Forward key in tape mode.
DOWN/REW	Auto/Manual Down tuning key in radio mode. Rewind key in tape mode.

Name	Operation Description
1/METAL	1-ch recall and memory write key in radio mode. Metal tape ON/OFF key in tape mode.
2/T.ADV	2-ch recall and memory write key in radio or tape. Tape Advance ON/OFF key in tape mode.
3/T-CALL	3-ch recall and memory write key in radio mode. Tuner Call ON/OFF key in tape mode.
4/DOLBY-B	4-ch recall and memory write key in radio mode. DOLBY B-type select key (changeable by the initial setting of "DOLBY") in tape mode.
5/DOLBY-C	5-ch recall and memory write key in radio mode. DOLBY C-type select key (changeable by the initial setting of "DOLBY") in tape mode.
6~0	Channel recall and memory write keys for 6-ch to 0-ch in radio mode. However, the keys from 7 through 0 may be invalid depending on the initial setting of "CHA" and "CHB".
DIRECT	Direct Access Enable key This key is effective only when all 10 numeric keys are enabled by the initial set- ting of "CHA" and "CHB".
OP	OPTION SW

Alternate Keys

Name	Operation Description
FWD/RVS	Forward/Reverse detection switch ON: Forward, OFF: Reverse
EJECT/PACK IN	Pack In/Eject operation detection switch Active high.
ST	Stereo broadcast detection input Active high.
D.A.R.	Digital Audio Reset Digital audio operation detection input. Active high.
SK	SK station detection input (concerning SK Seek operation) Active high.
DK/Noise	DK broadcast/external noise detection input Active high.
SKL	SK station detection (for lighting the SK display) Active high.



Initial Setting of Diode Switches

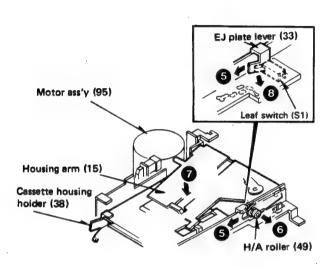
Name	Function Description								
BAND A	Selection of model	version (for different of	destination)						
BAND B	BAND A	BAND B		Destination					
	OFF	OFF	U.S.						
	OFF	ON	Japan	ad)					
	ON ON	OFF ON	Europe (with LW bar Middle East, and Eur	ope (without LW band)					
	* However, if the unit is set for the version for U.S., Middle East or Europe (without LW), it can be								
	changed again, I	by the user, within the	se three settings wh	en POWER ON.					
CH A CH B		mber of the preset characters access function	annels						
	CH A	СН В	Number of channels	Direct access function					
	OFF	OFF	10	Available					
	OFF	ON	8	Not available					
	· ON	DON'T CARE	6	Not available					
POWER A	Selection of Power	ON/OFF method							
POWER B	POWER A	POWER B	Power ON/OFF method						
	OFF	OFF	By means of VATT POWER key is alway						
	ON	OFF	Not by the momentary key. POWER key is always invalid. By means of the IGN port.						
FM 2 BAND	Selection of the nu	imber of memories for	FM						
	FM 2 BAND	Number of bands	FM BAND display	Number of memories					
	OFF	2	FM 1, 2	Double of the number selected by "CH A" and "CH B"					
SDK	This function is eff Middle East or Eur Therefore, when t	ope (without LW).	AND A and BAND B	are set to the destination for Europe					
SDK	This function is eff Middle East or Eur Therefore, when t LW) by the user, t SDK ON OFF	ective only when the E ope (without LW). he unit is changed fro his function is invalid. SDK function Available	AND A and BAND B m the U.S. version to Noise	are set to the destination for Europe the Middle East or Europe (without -Volume Boost function Not available					
	This function is eff Middle East or Eur Therefore, when t LW) by the user, t SDK ON OFF	ective only when the E ope (without LW). he unit is changed froi his function is invalid. SDK function Available Not available	AND A and BAND B m the U.S. version to Noise	are set to the destination for Europe the Middle East or Europe (without Volume Boost function Not available Available					
	This function is eff Middle East or Eur Therefore, when to LW) by the user, to SDK ON OFF Selection system of	ective only when the E ope (without LW). he unit is changed froi his function is invalid. SDK function Available Not available	AND A and BAND B m the U.S. version to Noise	are set to the destination for Europe to the Middle East or Europe (without Volume Boost function Not available Available					
	This function is eff Middle East or Eur Therefore, when t LW) by the user, t SDK ON OFF Selection system of	ective only when the E ope (without LW). he unit is changed froi his function is invalid. SDK function Available Not available	AND A and BAND B m the U.S. version to Noise	are set to the destination for Europe to the Middle East or Europe (without					
	This function is eff Middle East or Eur Therefore, when t LW) by the user, t SDK ON OFF Selection system of DOLBY ON OFF	ective only when the E ope (without LW). he unit is changed froi his function is invalid. SDK function Available Not available	Noise Switching Without DO DOLBY-B/C m	are set to the destination for Europe to the Middle East or Europe (without					
DOLBY	This function is eff Middle East or Eur Therefore, when t LW) by the user, t SDK ON OFF Selection system of ONLBY ON OFF	ective only when the E ope (without LW). he unit is changed fro this function is invalid. SDK function Available Not available of the DOLBY NR switch	Noise Switching Without DO DOLBY-B/C m	are set to the destination for Europe to the Middle East or Europe (without					
DOLBY	This function is eff Middle East or Eur Therefore, when t LW) by the user, t SDK ON OFF Selection system of DOLBY ON OFF	ective only when the E ope (without LW). he unit is changed fro this function is invalid. SDK function Available Not available of the DOLBY NR switch	Noise Switching Without DC DOLBY-B/C m	are set to the destination for Europe to the Middle East or Europe (without					



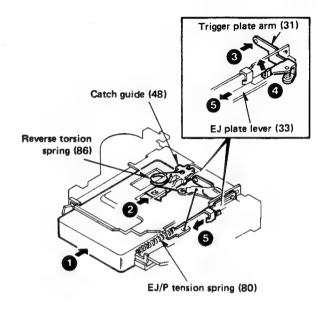
MECHANISM DESCRIPTION

1. Loading

If the cassette tape is pressed by the finger, the catch guide (48) is pushed in and the reverse torsion spring (86) is set on the loading side. If the cassette is pushed into the end, the trigger plate arm (31) rotates and the EJ plate lever (33) is released. Then, EJ/P tension spring (80) pulls the EJ plate lever (33) and the housing arm (15) and cassette housing holder (38) are pushed down through the H/A roller (49). The head plate (803) is also moved to the mode plate lever ass'y (9). The leaf switch (S1) is also pressed. At this time, the plunger solenoid (103) is turned on and the motor ass'y (95) rotates.



Note: The number in the parentheses refer to the Ref. Nos. in the exploded view. (P. 43)



KRC-/6/L

MECHANISM DESCRIPTION

2. PLAY

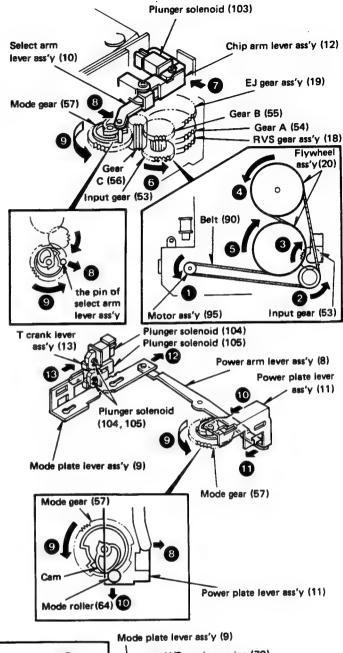
The rotation of the motor ass'y (95) is transmitted through the belt (90) to the flywheel ass'y (20) to rotate the input gear (53). Next, gear A (54), gear B (55), and gear C (56) rotate. Then, the EJ gear ass'y (19) rotates to move the select arm lever ass'y (10) to the plunger solenoid (104, 105) side. As the result, the chip arm lever ass'y (12) is attracted by the plunger solenoid (103).

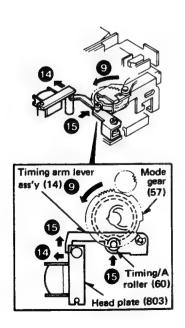
The other pin of the select arm lever ass'y (10) releases the mode gear (57). The mode gear (57) is rotated by gear C (56), and the power plate lever ass'y (11) is moved forward by the cam of the mode gear (57) through the mode roller (64). At the same time, the mode plate lever ass'y (9) is moved backward through the power arm lever ass'y (8). The mode plate lever ass'y (9) is attracted by the FF and REW solenoid (104, 105) through the T crank lever ass'y (13).

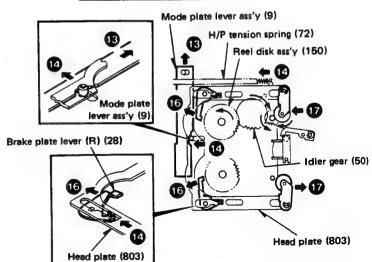
After the above operation, timing/A roller (60) of the timing arm lever ass'y (14) under the mode gear (57) is put in the groove of the cam of mode gear (57) to lock the gear. By this operation of the timing arm lever ass'y (14), the head plate (803) is pulled by the H/P tension spring (72) to the PLAY position.

The rotation of the flywheel ass'y (20) is transmitted from the inside gear to the idler gear (50) and reel disk ass'y (150). The brake plate levers (27, 28) applied to the reel disk ass'y (150) has been released by the head plate. In the PLAY mode, the mode gear (57), EJ gear ass'y (19), and RVS gear ass'y (18) are locked by the notches.

Note: If the power tension spring (84) is removed, the mechanism can be checked easily.







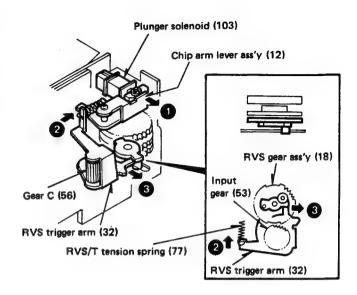


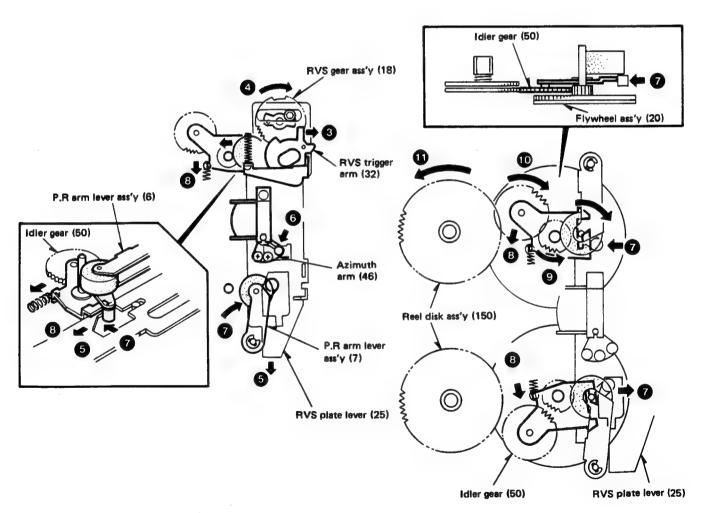
MECHANISM DESCRIPTION

3. PROG.

If the program button is pressed, the plunger solenoid (103) is turned off and the chip arm lever ass'y (12) is moved outward. At the same time, the RVS trigger arm (32) releases the RVS gear ass'y (18) through the RVS/T tension spring (77). Then, the RVS gear ass'y (18) is rotated a half turn by the input gear (53), and the RVS plate lever (25) is moved. At this time, the RVS trigger arm (32) is set to the lock side by the RVS gear ass'y (18), then the chip arm lever ass'y (12) is attracted again by the plunger solenoid (103) because of the force of the chip arm tension spring (78).

The RVS plate lever (25) moves the head slide switch (S2), azimuth arm (46), and P.R arm lever ass'y (6, 7). The P.R arm lever ass'y (6, 7) moves the idler gear (50) through the idler gear arm of the main chassis ass'y (801).





KHC-/6/L

MECHANISM DESCRIPTION

4. FF/REW

If FF or REW button is pressed, the plunger solenoid (104) or (105) is turned off depending on the direction of PLAY, and the T crank lever ass'y (13) is rotated by the force of the power tension spring (84). At this time, the head plate (803) is moved a little backward by the movement of the mode plate lever ass'y (9). The FF crank arm (45) is rotated by the T crank lever ass'y (13) to slide the FF plate lever (26) and rotate the FF arm lever ass'y (5). Then, the rotation of the flywheel ass'y (20) is transmitted to the reel disk ass'y (150) through the FF gear ass'y (17).

If the PLAY/PROG. button is pressed, both plunger solenoid (104, 105) are turned off and the head plate (803) is returned to the position after the loading, then it is reset to the PLAY mode by the rotation of the motor ass'y (95). The tape advancing and index scanning operation is performed similarly.

5. Automatic reverse

The rotation is sensed by the photo-reflector on the back side of the reel push gear ass'y (16) of the reel disk ass'y (150). The sensed signal is input to the mechanism control IC to start the program.

Mode plate lever ass'y (9) (<u>o</u>) Power tension spring (84) Plunger solenoid (104)FF gear ass'y (17) FF crank arm (45) Plunger solenoid (105)FF plate lever (26) Reel disk ass'y (150) FF arm lever ass'y (5) Photo-reflector Reel push gear ass'y (16) Power plate lever ass'y (11) Power arm lever ass'y (8) Mode plate lever ass'v (9) Mode gear (57) Gear C (56) Power tension spring (84) Power plate lever ass'y (11 Mode roller (64) Mode gear (57)

6. Eject

If the eject button is pressed, all the plunger solenoid are turned off. The head plate (803) is moved backward by the force of the power tension spring (84). The power plate lever ass'y (11) is pushed back through the power arm lever ass'y (8), and the mode gear (57) is meshed with gear C (56) by the mode roller (64).



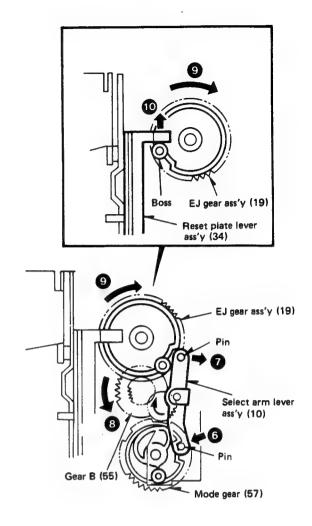
MECHANISM DESCRIPTION

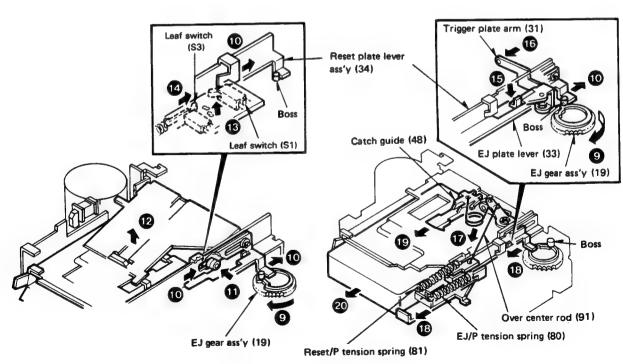
The mode gear (57) is rotated and the pin of the select arm lever ass'y (10) is put in the groove of the peripheral cam of the mode gear. Then, the EJ gear ass'y (19) is meshed with gear B (55) and rotated by releasing the other pin of the select arm lever ass'y (10). The reset plate lever ass'y (34) is moved back by the upper boss of the EJ gear ass'y (19) to turn on the leaf switch (100) for ejection to turn on the motor.

At the same time, the EJ plate lever (33) is also moved back and fixed to the trigger plate arm (31) through the tension spring (87) for preventing an overload. While the reset plate lever ass'y (34) is moving back, the catch guide (48) is pushed forward through the over center rod (91). At this time, the cassette houding holder (38) is lifted by the EJ plate lever (33).

Then, the EJ gear ass'y (19) rotates. When its boss is parted from the reset plate lever ass'y (34), the reset plate lever ass'y (34) is returned to the forward position by the reset/P tension spring (81). At this time, the over center rod (91) is pulled, and the catch guide (48) is moved forward to discharge the cassette.

Even if the power switch is turned off, the loading operation can be performed, but the mechanism is set to the ejection mode immediately, because the loading mechanism is turned on by the leaf switch (S1) and the motor is turned on by the leaf switch (S3) to start the ejection operation.







ADJUSTMENT

Set the controls and switches as follows.

BALANCE :center position

FADER :center position

LOUD : OFF T · ADV : OFF

LOCAL :OFF AUTO :OFF

BASS :center position TREBLE :center position

METAL :OFF DOLBY NR :OFF

\neg		INPUT	OUTPUT	TUNER(RECEIVER)	ALIGNMENT		B10
	ITEM	SETTINGS	SETTINGS	SETTINGS	POINTS	ALIGN FOR	FIG
P M	SECTION						
		(A)	Connect the				
- 1		98.1MHz	DC voltmeter	FM	LI		(a)
1	DISCRIMINATOR	0 dev	between pins	98.1MHz	(XO5)	Adjust it so that the crosstalk from L to R and R to L become minimum. Separation 10dB STOP Output Noise level -25dBµ (When not add any signal to ANT terminal) Maximum 400mV	(a)
		60dBµ(ANT input)	of CN3				
		(C)	ļ	-			
- 1		98.1MHz	İ	[WD 4	Address it on that	
		lkHz,±33.5kHz dev		FM	VR4		
2	SEPARATION	Pilot:±7.5kHz dev	(B)	98.1MHz	(X05)		
1		Selector:L or R				and a to b become minimum.	
		60dBu(ANT input)					-
		(C)					
ĺ		98.1MHz		704	VR1	Separation	
		1kHz.±33.5kHz dev	(75)	FM	(X05)		
3	ANRC	Pilot: 27.5kHz dev	(B)	98.1MHz	(403)	1945	
		Selector:L or R	ļ				
		35dBμ(ANT input)					
		(A)		FM	VR2		1
		98.1MHz		SEEK: ON	(X14)	STOP	l
4	SEEK STOP LEVEL	1kHz,±40kHz dev	_	98.1MHz	(*14)		
		20dBµ(ANT input)		30, 1mit		Output Noise level	
		(A)		FM	VR3		1
_	ann wan i will	98.1MHz	(B)	98.1kHz	(X05)	(When not add any signal	1
5	SOFT MUTE LEVEL	1kHz,±40kHz dev 60dBµ→No input	(6)	\$0,1802	()	to ANT terminal)	
(1 P	K SECTION				1		
SD	K SECTION	(E)	1				
		98.1MHz	Connect				1
		0 mod	the DC voltmeter	FM	LI		(b
6	DK LEVEL	SK 5.33%	between pins	98.1WHz	VR1	Maximum	'-
ь	DK CETEL	DK 30% BK 60%	of CN2	SDK:OFF	(X13)		
	ļ	60dBu(ANT input)	0.0.0				
		(E)					1
		98.1MHz		1			
	SDK VOLUME	1kHz,140kHz dev		FM	VR4		160
7	LEVEL	SK 5.33%	(B)	98.1MHz	(X11)	400mV	"
'	LL TUB	DK 30% BK 60%		VOLUME: 0		ļ	
		60dBµ(ANT input)	1				
ΑN	SECTION						_
74 19	. <u>556</u>	(D)					
		990kHz		AM	VR3		
(1)	STOP LEVEL	400Hz, 30% mod	-	990kH2	(X14)	STOP	1
,		35dBµ(ANT input)					1
C A	ASSETTE D	ECK SECTION	N			All Ale or and for mark	
					Head	Adjust the azimuth for each	
[1]	AZIMUTH	WTT-114	(B)	TAPE PLAY	Azimuth	L CH/R CH or FWD/RVS	"
1		10kH2			Screw	becomes maximum.	+-
			Connect a AC		VR1(L)	AFR-V	١,
[2]	PLAYBACK	MTT-150	voltmeter to	TAPE PLAY	VR2(R)	452mV	(
	LEVEL		CN4.		(80X)		



REGLAGES

:OFF

Régler les controles et les boutons comme suit.

BALANCE :position centre LOUD :OFF

LOCAL :OFF AUTO

		REGLAGE DE	REGLAGE DE	REGLAGE DU TUNER	POINTS DE		1
N°	ITEM	L' ENTREE	LA SORTIE	(AMPLI TUNER)	L'ALIGNEMENT	ALIGNER POUR	FIG
SE	CTION MF						
			Raccorder le				
		(A)	voltmetre CC				
1	DISCRIMINATEUR	98.1MHz	entre les deux	FM	Ll	OV	(a)
•	DIGORIMINATEON	0 dév	broches de	98.1MHz	(X05)		1
		60dB#(Entrée ANT)	CN3.	VO, 14112	(100)	ŀ	1
		(C)	CNS.				+
						lo efeter de escitos	
		98,1MHz		CM CM	VD 4	Le régler de manière	
		1kHz.±33,5kHz dév	(0)	FM	VR4	à ce que la diaphonie	
2	SEPARATION	Pilote: ±7,5kHz dév	(B)	98,1MHz	(XO5)	de L a R et de R a L	
	'	Selecteur:L ou R				devienne minimum.	
		60dBµ(Entrée ANT)					1
		(C)					
		98,1kHz				1	
		1kHz.±33,5kHz dév		FN	VR1	Séparation	
3	ANRC	Pilote: 17,5kHz děv	(B)	98,1MHz	(XO5)	I ØdB	1
		Selecteur:LouR					
		35dBµ(Entrée ANT)					
		(A)					1
	NIVEAU DE	98.1MHz		FN	VR2	1	
4	CHERCHER D' ARRET	1kHz.±40kHz dév	_	CHERCHER: ON	(X14)	ARRET	
•	CHEROHEN D ARKET	20dBµ(Entrée ANT)		98,1MHz	(441)	REAL	
		(A)		30,1m12		Bruit de niveau de sortie	+
	NINDAU DE			FM	VR3	-25dBu	
_	NIVEAU DE	98,1MHz	(0)	98.1MHz	(X05)	(Sous non correspondance	
5	SOFT MUTE	1kHz.±40kHz dév 60dBµ→Entrée NO	(B)	30,1mmZ	(AUS)	d'antenne.)	
C 10	CTION SDK		l			q ancenne.)	
3 E	CIION SDK	(E)	1			1	_
			D d. a. 1a				
		98,1MHz	Raccoder le				
		0 mod	voltmetre CC	FM	L1	1	10
5	NIVEAU DE DK	SK 5.33%	entre les deux	98,1MHz	VR1	Maximale	1
		DK 30% BK 60%	broches de	SDK:OFF	(X13)		1
		60dBμ(Entrée ANT)	CN2.				+-
		(£)					
		98,1MHz					1
	NIVEAU DE SDK	1kHz,±40kHz dev	1	FM	VR4		10
7	VOLUME	SK 5.33%	(B)	98.1MH2	(X11)	400mV	1 "
		DK 30% BK 60%		VOLUME: 0			
		60dBµ(Entrée ANT)					
E	CTION MA						
		(D)					
	NIVEAU	990kHz		AM	VR3		
1)		400Hz. 30% mod	_	990kH2	(X14)	ARRET	
. /	, Annui	35dBµ(Entree ANT)			,,		
. F	CTION DU	MAGNETPHON	E				
- 10	1		T			Ajuster l'azimut pour que	Τ
17	AZ I MUTH	MTT-114	(B)	Lecture bande	Vis d'azimut de	chaque L-CH/R-CH ou	10
1]	ALIMUIN		(6)	Decrare name	tête	FWD/RVS devienne maximum.	"
		10kHz	C		VR1(G)	/ arv govionic maximum.	+-
		NET 150	Connecter un	1 - 4 1 - 1 -	1	450-V	10
2]	NIVEAU DE	NTT-150	voltmeter CA	Lecture bande	VR2(D)	452mV	1"
	LECTURE	1	les CN4.	I	(80X)	1	1



ABGLEICH

Die Regler und Knöpfe wire folgt einstellen.

BALANCE : Mittelage LOUD : OFF LOCAL : OFF FADER : Mittelage T • ADV : OFF AUTO : OFF

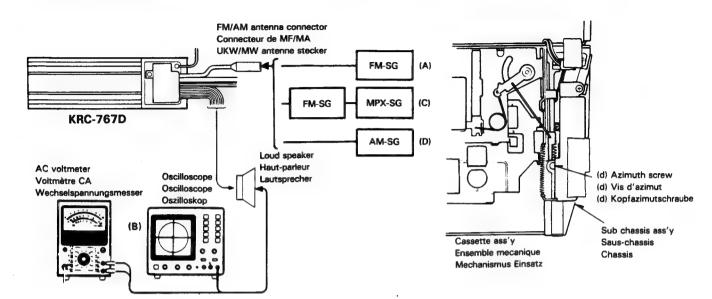
BASS :Mittelage METAL :OFF TREBLE :Nittelage DOLBY NR :OFF

		EINGANGS-	AUSGANGS-	TUNER(RECEIVER)-	ABGLEICH		
R.	GEGENSTAND	EINSTELLUNG	EINSTELLUNG	EINSTELLUNG	PUNKTE	ABGLEICHEN FÜR	ABB
UK'	W-ABTEILU	N'G					
\neg			Den Gieichstrom-]
		(A)	Voltmeter				
		98,1MHz	zwischen den	FM	Li		
1	DISKRIMINATOR	0 Hub	beiden Stiften	98,1 MHz	(X05)	0 V	(a)
		60dBu(ANT-Eingang)	von CN3		1		
			anschließen.				<u> </u>
		(C)					Г
		98,1MHz				So einstellen, daß das	
	STEREO KANAL	1kHz.±33,5kHz Hub		FM	VR4	Übersprechen von	ĺ
2	TRENNUNG	Pilot: ±7.5kHz Hub	(B)	98,1MHz	(X05)	L auf R und	
-	111211110110	Wahler:L or R	1=7			von R auf L minimal wird.	1
		60dBu(ANT-Eingang)					1
		(C)					1
		98,1MHz					
		·		FM	VR1	Trennung	
9		1kHz.±33,5kHz Hub	(B)	98.1MHz	(X05)	10dB	
3	ANRC	Pilot: ±7,5kHz Hub	(8)	90,1MNZ	(403)	1000	1
		Wahler:L or R					
		35dBu(ANT-Eingang)					+-
		(A)		DW.	VD0		
		98,1MHz		FN	VR2	HAT ®	
4	SUCHEN HALT PEGEL		_	SUCHEN: ON	(X14)	HALT	
		20dBµ(ANT-Eingang)		98,1MH2			-
		(A)				Ausgang Geräusch pegel	
		98,1MHz		FM	VR3	-25dBµ	
5	SOFT MUTE PEGEL	1kHz.±40kHz Hub	(B)	98,1MHz	(X05)	(Wenn Autenna Stecker Nicht	i
	·	60dBµ→No Eingang				anschließen.)	
SD	K-ABTEILU						1
		(E)	Den Gleichstrom-				1
		98,1MHz	Voltmeter		.,		
		0 mod	zwischen den	FM	L1		(b
6	DK PEGEL	SK 5,33%	beiden Stiften	98,1MHz	VR1	Maximale	107
		DK 30% BK 60%	von CN2	SDK:OFF	(X13)		1
		60dBµ(ANT-Eingang)	anschließen.				+
		(E)					
		98,1MHz]	'		
	SDK	1kHz.±40kHz dev		FM	VR4		1 (0
7	LAUTSTÄRKE PEGEL	5K 5,33%	(B)	98,1MHz	(X11)	400mV	1 "
		DK 30% BK 60%		VOLUME: 0			
		60dBu(ANT-Eingang)					
МŴ	- ABTEILUN	G					
		(D)					
		990kH2		MA	VR3	1	
(1)	HALT PEGEL	400Hz. 30% mod	-	990kHz	(X14)	HALT	1
,		35dBu(ANT-Eingang)					
CA	SSETTEN-D	ECK-ABTEIL					
UA	O O D I I D II D					So einstellen, daß das	Т
		NTT-114				Azimuth für jeweils	
гэл	47 I MIITH	10kHz	(B)	Bandwiedergabe	Kopfazimutschraube	L-CH/R-CH oder	(0
[1]	AZIMUTH	IUKNZ	(8)	hendareder Pane		FWD/RVS maximal wird.	
		 	Einen Wechsel-	1		. TOTAL O MANAGER WALLS	+-
			1		VR1(L)		
		NAT	spannungsmesser	Dondani adamata	VR2(R)	452mV	(e
[2]	WIDERGABE PEGEL	MTT-150	zwischem zu CN4	Bandwiedergabe		73281	1
		1	anschließen.	1	(80X)	P .	1



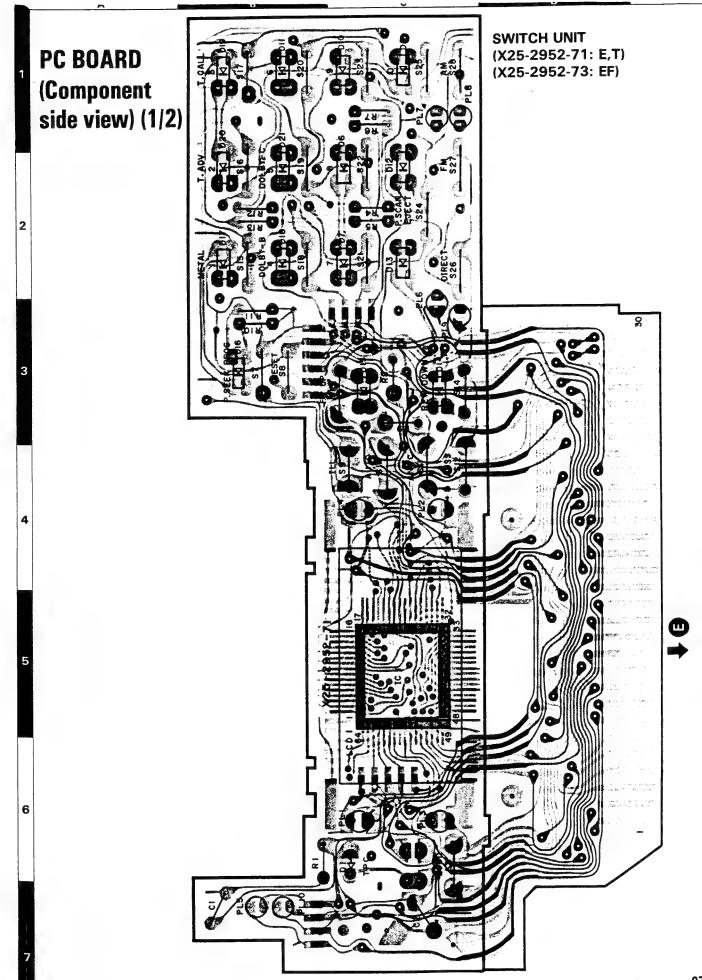
ADJUSTMENT/REGLAGES/ABGLEICH/VOLTAGE TABLES

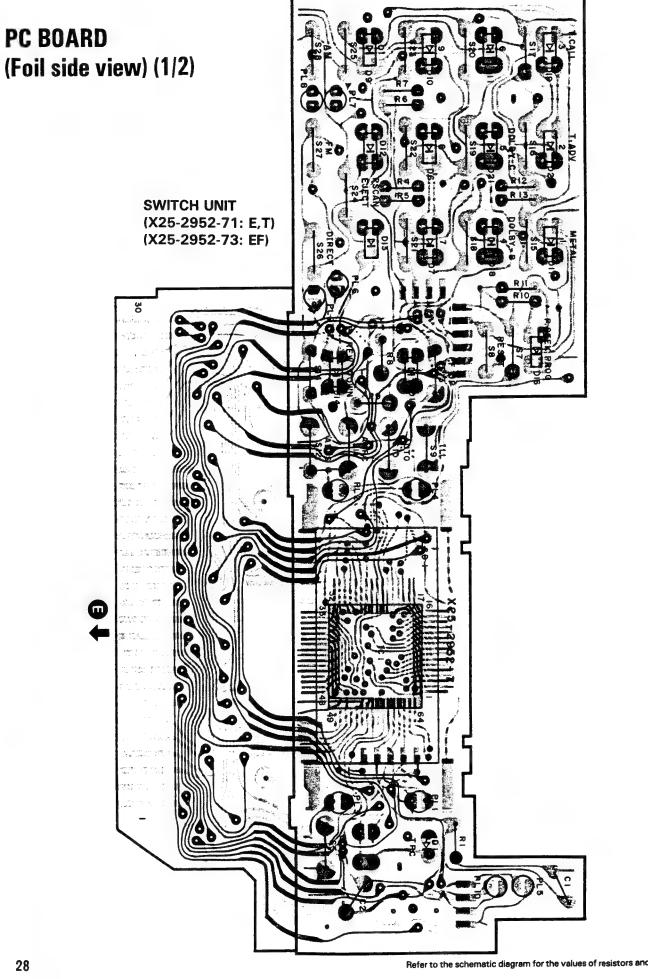
Adjustment/reglages/abgleich



Voltage tables

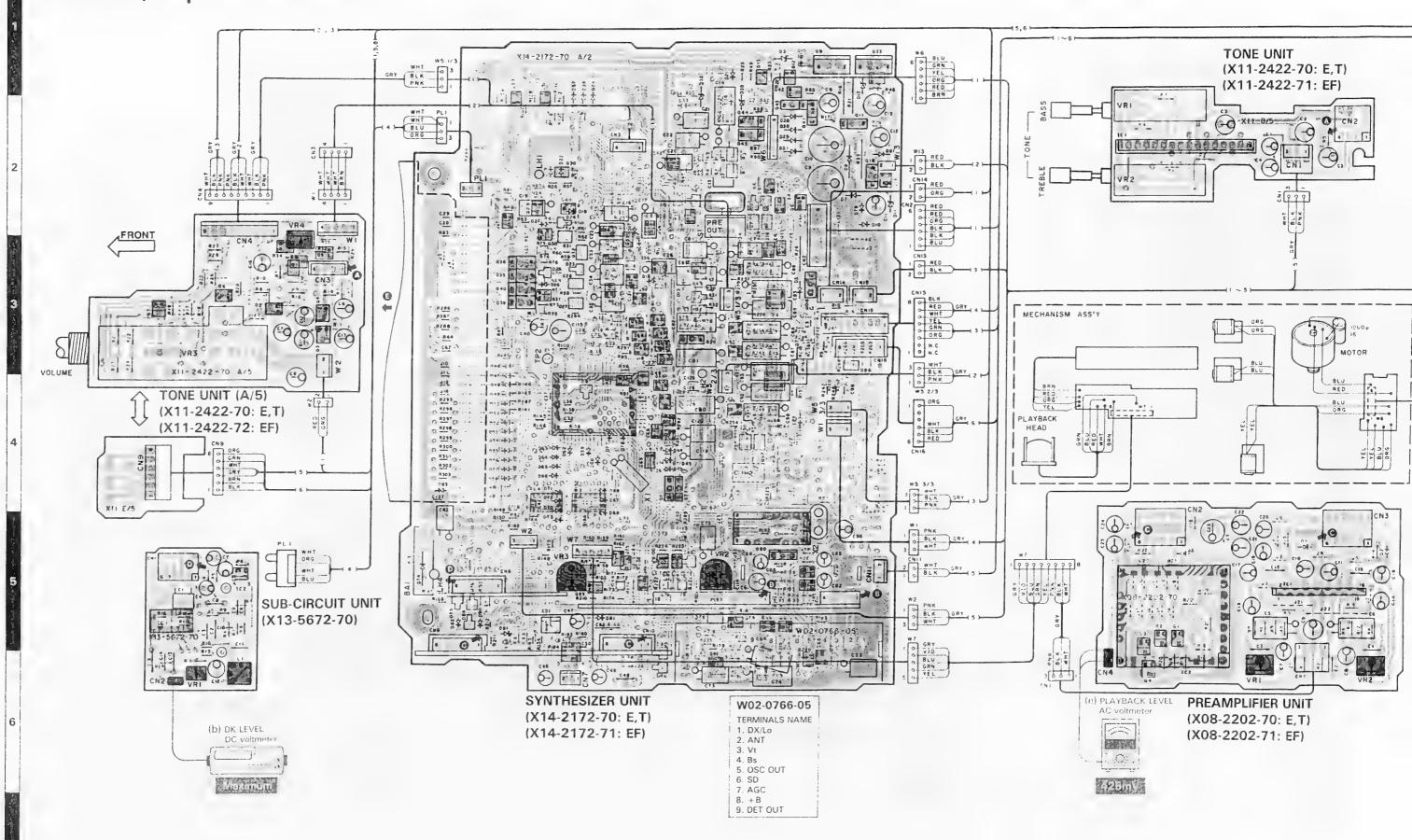
(X05-3362-70, 2-71)	(X11-2422-7X)	(X25-2952-71, 2-73)	(X14-2172-7X)				
TR1 Q3	IC1	IC1	IC1	Q91	Q70	Q39	Q11
E - C 9.5V C OV B - B 5.8V	1 - 9 0.6V 11 0.6V 12 3.0V 13 0.6V	46 5V 47 5V 48 5V 56 5V	4 RADIO: 0V TAPE: 5V 5 0E MUTE: 5V 6 METAL: 5V 26 0V	E OV C - B AGC OUT : 5V	E - C - B FM: 5V	E - C A: 14V B -	E 14.4V C 14.2V B -
C Q4 E OV	14 0.6V 15 9.8V 16 3.0V	(X08-2202-70, 2-71)	35 OV 36 OV 57 5.1V 58 5.1V	E - C - B MW: 0.6V LW: 9V	E - C - B AM:5V	E - C G: 14V B -	E 14.4V C 14.2V B -
Q6	1,2 1.5V	1 J 3.5V	IC2		Q66,67	Q35	Q15,14
2 OV 4 2.8V 5 OV 6 5.8V 7 ~ 9 5.2V E OV C 2.1V B OV	3 3.8V 5,6 1.5V 8 7.8V 9 14.4V	2 2.0V 3 0.9V 4 0V 5 1.3V	12 4.6V 13 4.6V 16 0V	0.86 E	E 5.1V C - B -	E 10.4V C A:10V B —	E 14.4V C – B –
10 OV	10 14.8V	6 1.4V	IC3	084	Q41	Q36	Q17
12 5.0V 14 0.7V 15 2.0V 16 5.2V	11 14.4V 12 7.8V	7 8.8V 11 1.3V 12 1.4V 13 0.9V	2 REC: 5V 5 1V	E 0V C SD:5V B —	E 14.4V C PLAY: 14.4V B —	E 10.4V C G:10V B —	E V C 13.8V B -
	E 3.0V	14 OV	7 0V 12 0V/5V	Q79	043	Q29	0.20
1 9.5V 2 4.4V	8 2.4V Q7,8	15 3.5V 16 2.0V	14 5V	E 9.4V C - B AGC OUT : 5V	E C PLAY: 0V PROG: 14.4V B -	E 9.4V C – B –	E 5.7V C 5.7V
4 3.6V	EI -	1 4.5V	7 OV	B AGC 001 : 04		Q25	
5 4.8V 6-9 0V	c -	2 4.3V	9 SK + KB or	Q76	044	E OV	019
10 0.7V 11 4.4V 12 3.5V	B 0.7V	3 OFF: 0V B: 5.0V C: 7.0V	SK + DK : 4.4V 14 5V	E 9.4V C B 9V/0V	C PLAY: 0V REW: 14.4V	C J 5V	E - C - B 6.3V
13 3.5V	E - C OV	6 4.0V	1 1.5V	074	045	Q5	Q22
14 OV 15 3.5V 16 3.5V 17 2.0V	B ON : 5.4V OFF : OV	7 6.8V 8 4.4V 9 4.4V 10 4.4V	2 1.5V 3 0V 4 0.5V 5 0.5V	E OV C - B AGC OUT : 5V	E	E C 5.7V B -	E 14.4V C – B –
19 0.7V		12 4.4V 13 4.4V	6 2V	Q72	В -	0.9	023
E 0.8V C 8.8V		14 8.8V 16 4.4V	7 5V/0V 8 4V	E 9.4V C 9.4V B -	Q51 E	E - C 10.4V B -	E - C 9.4V B -
B 1.4V			1 4V		B 1.6V	Q10	024
			2 4V 3 4V 5 4V	Q73	Q56,57	E 10.4V C –	E 9.4V C –
			6 4V 7 4V	В -	C B -	B 11V	B 10V
26			8 9V				

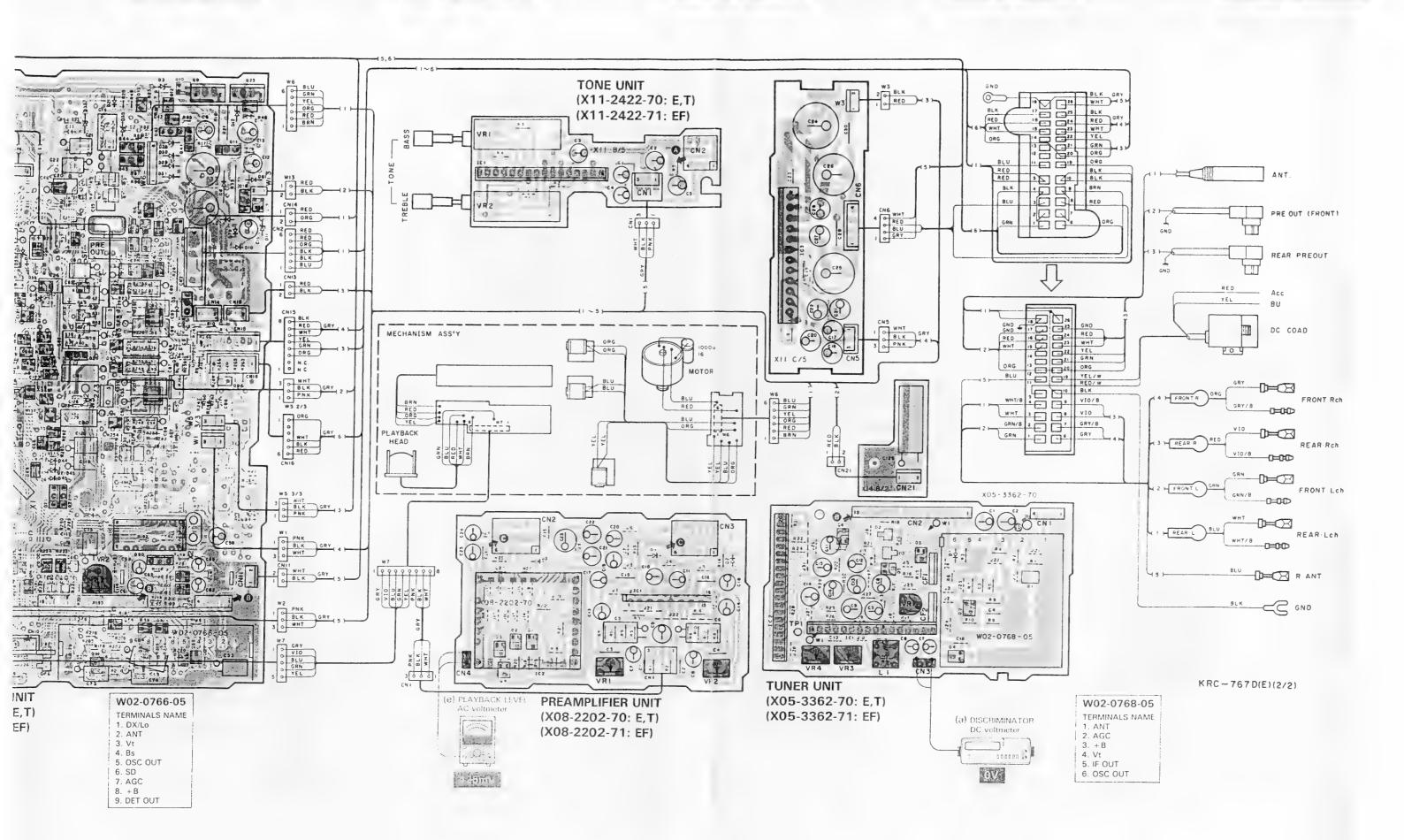




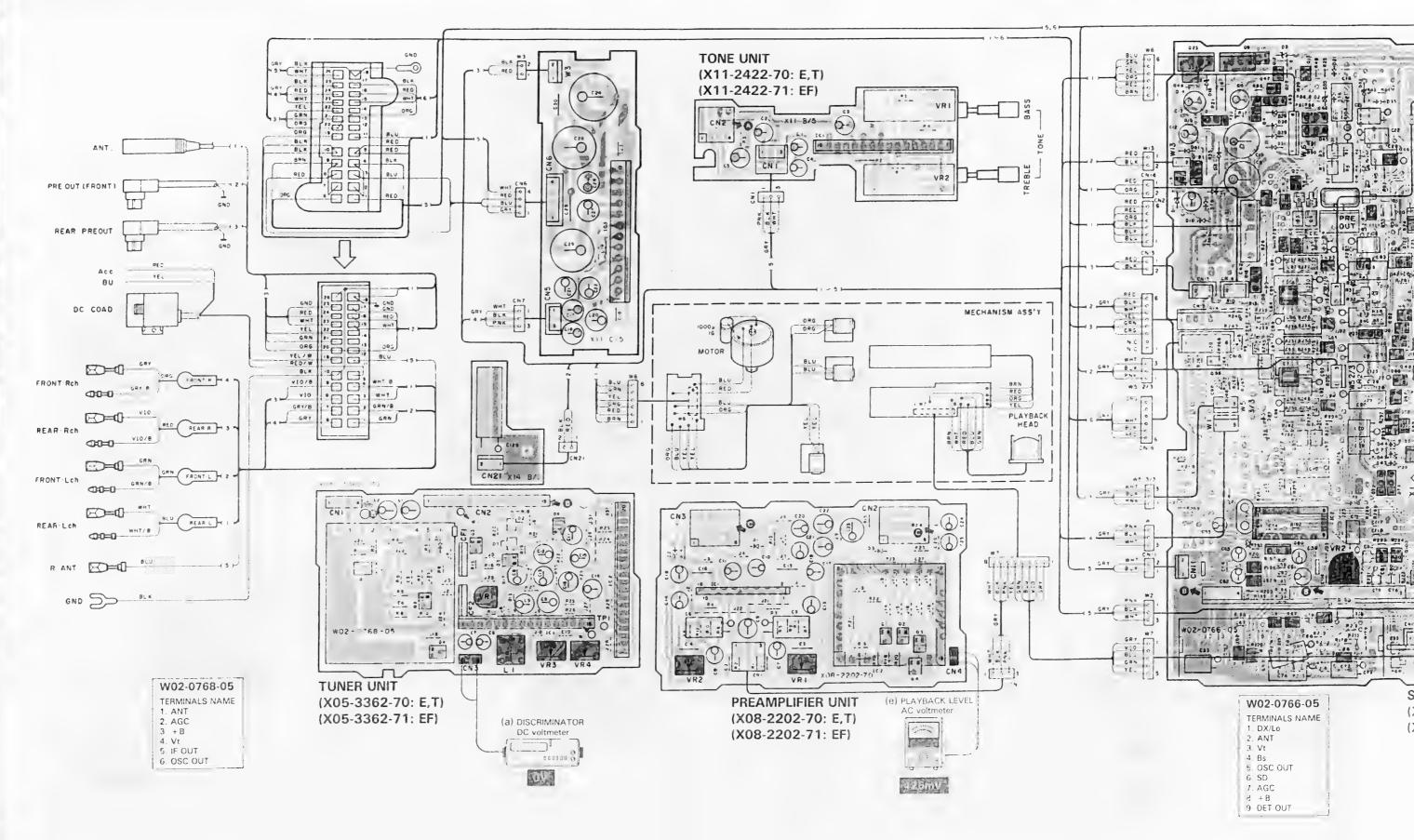
PC BOARD (Component side view) (2/2)

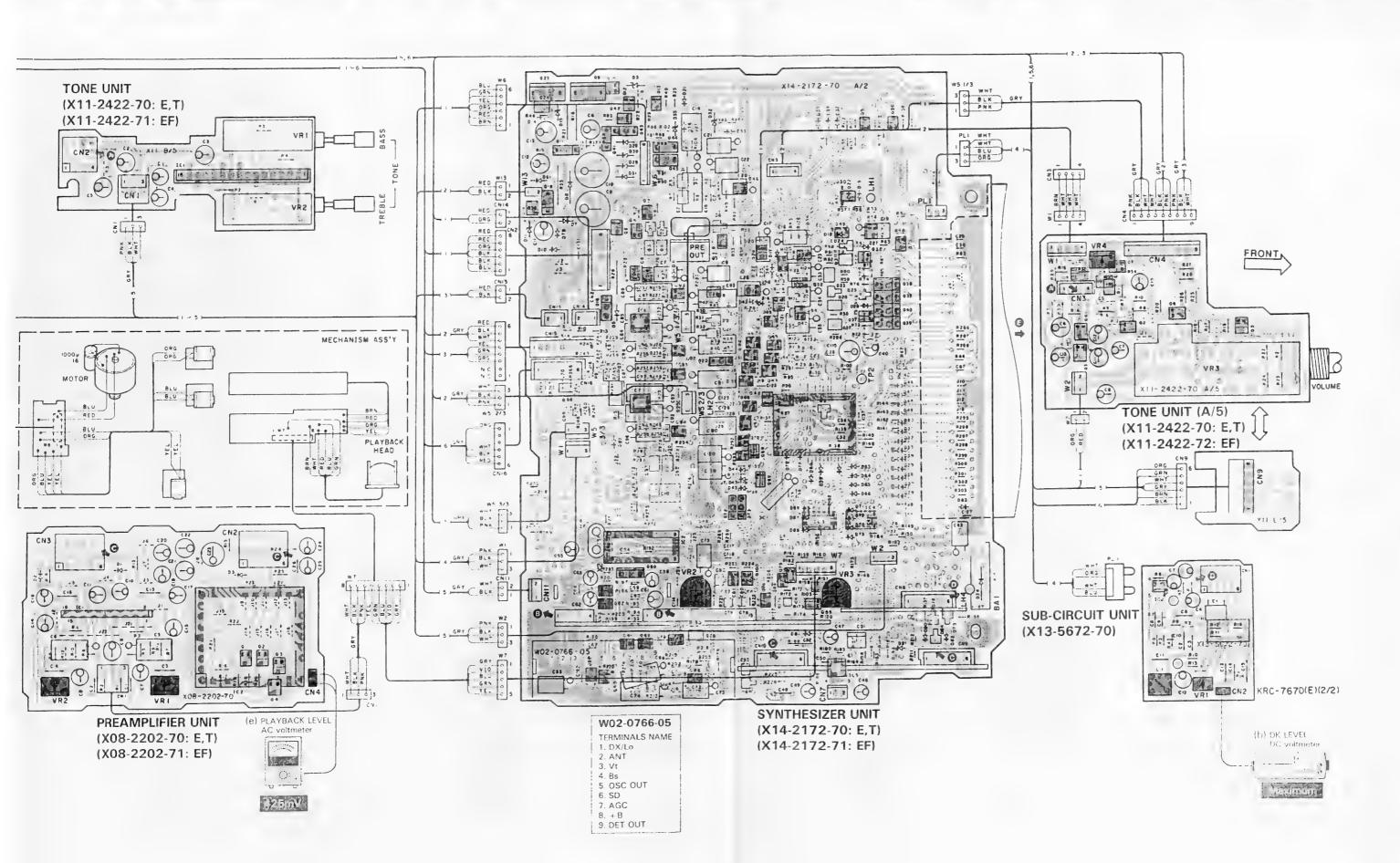
State of the state

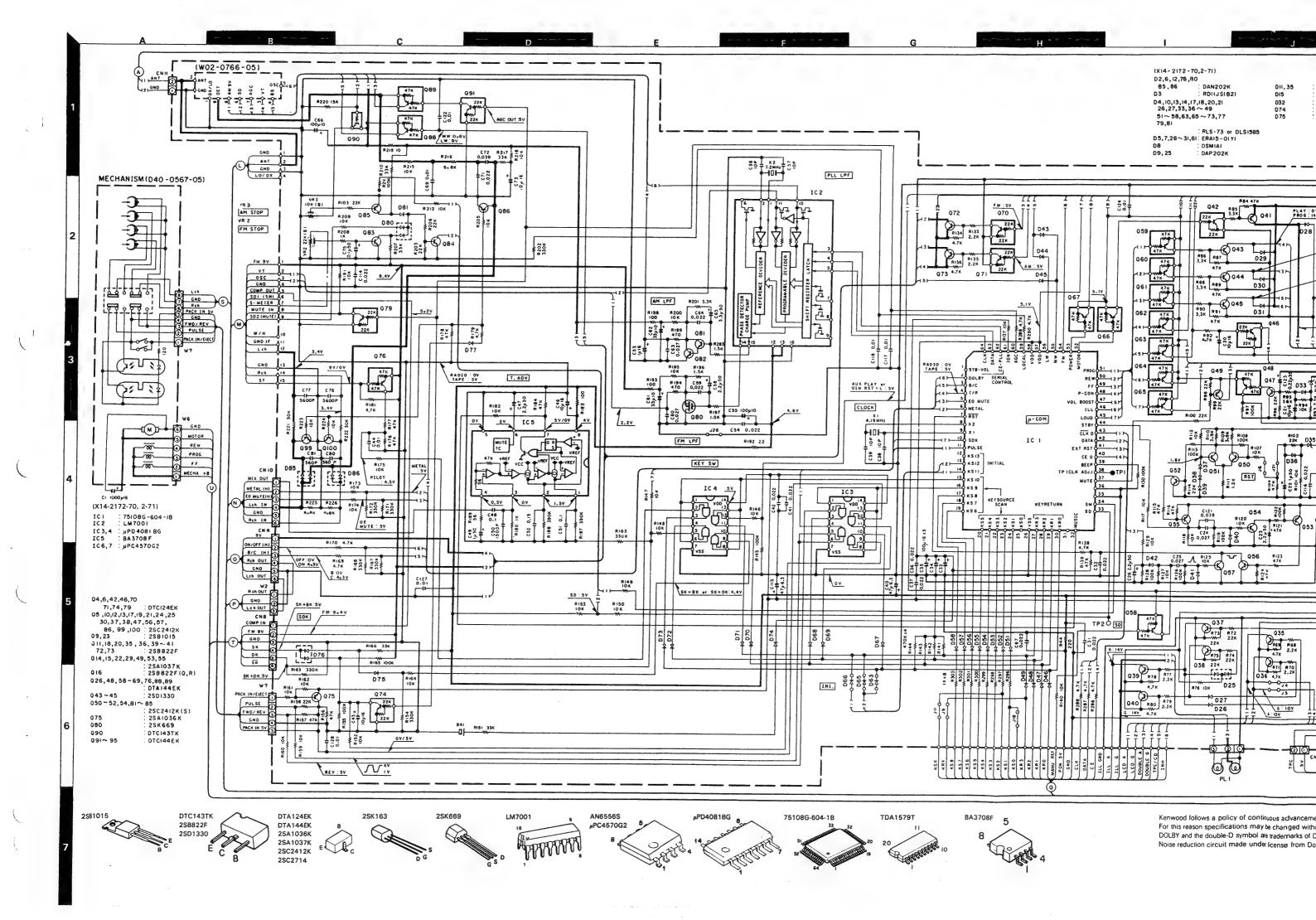


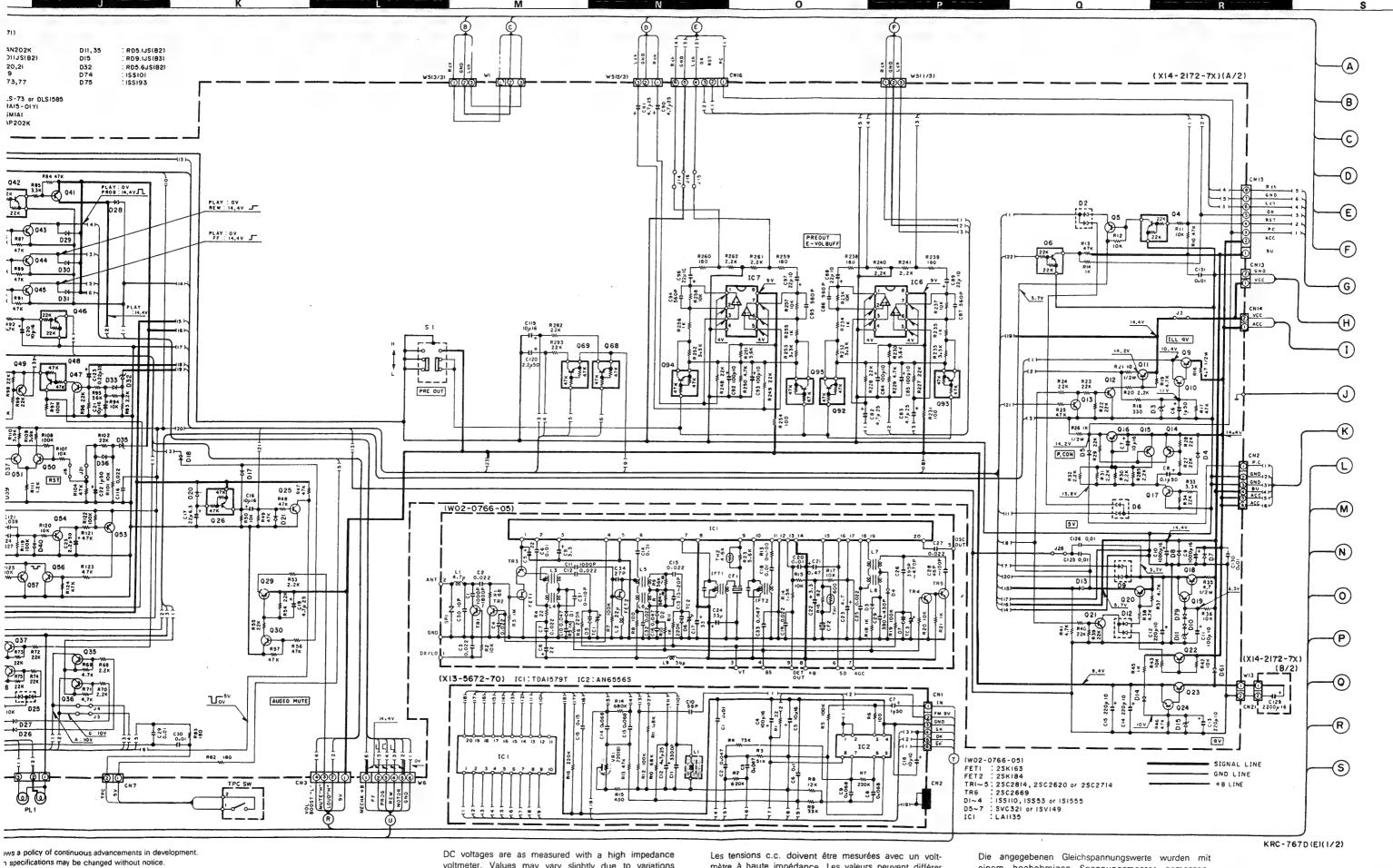


PC BOARD (Foil side view) (2/2)









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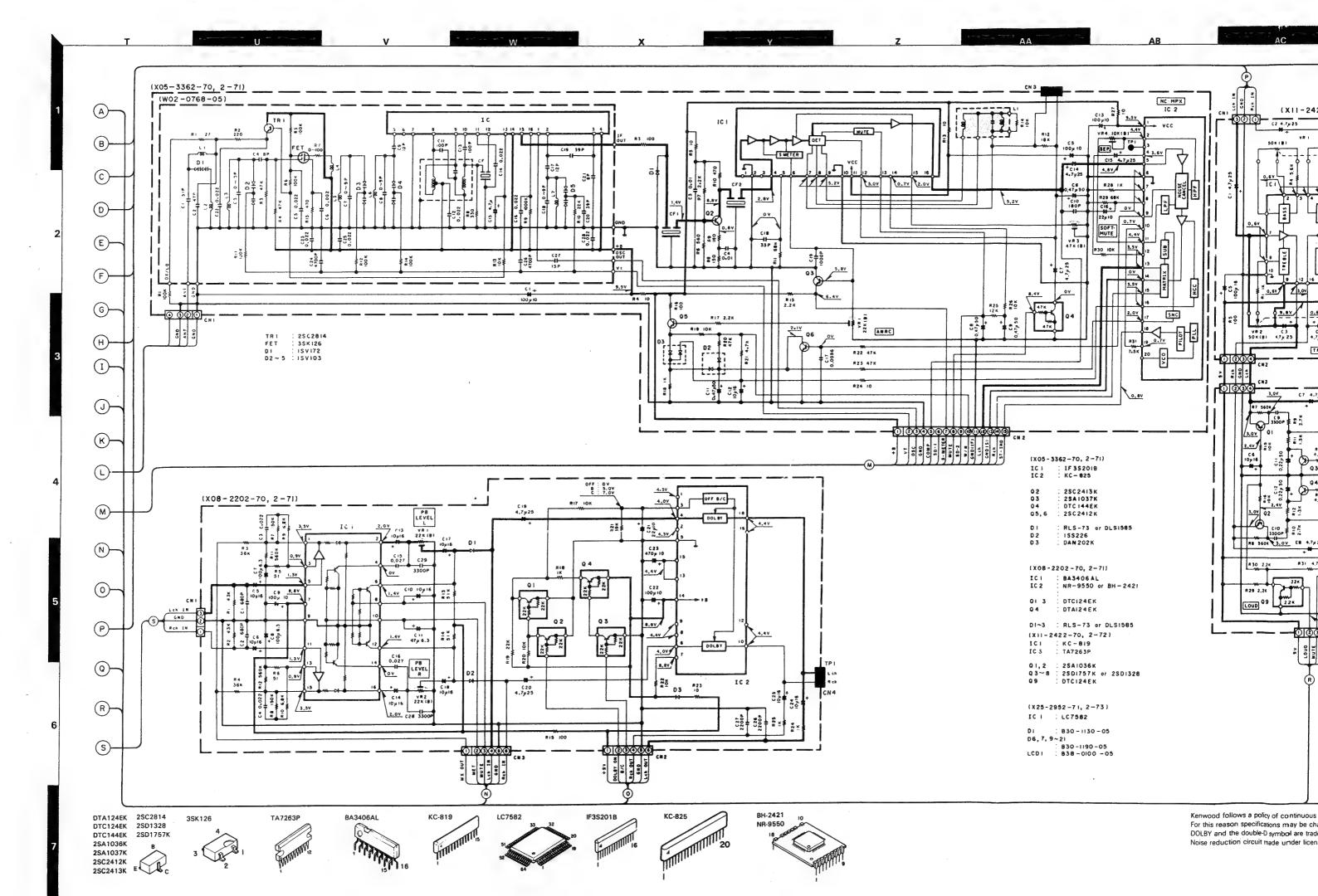
in circuit made under license from Dolby Laboratories Licensing Corporation.

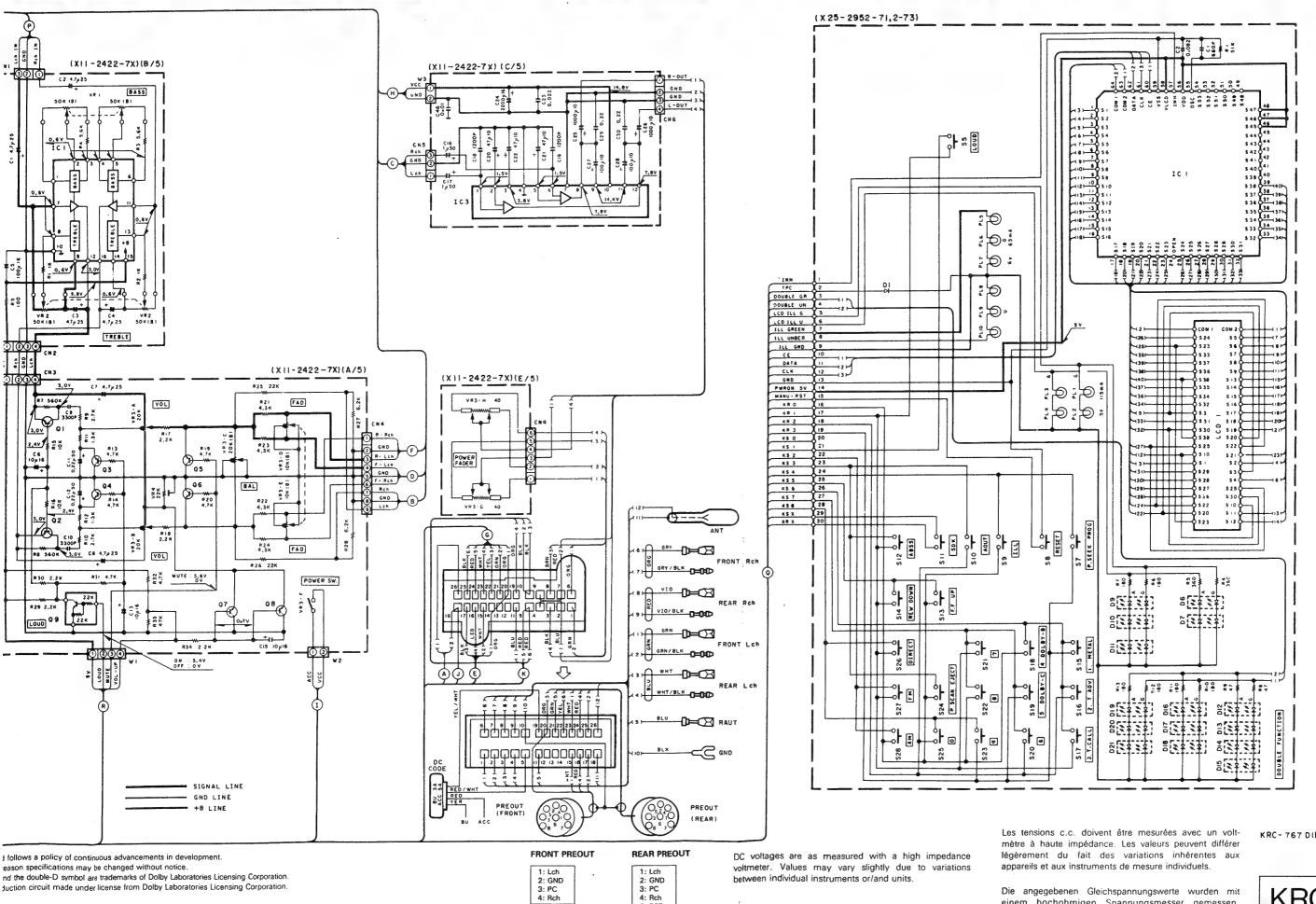
voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

mètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.

KRC-767D KENWOOD





5: RST 6: DK

duction circuit made under license from Dolby Laboratories Licensing Corporation.

KRC-767 D(E) (2/2)

KRC-767D

KENWOOD

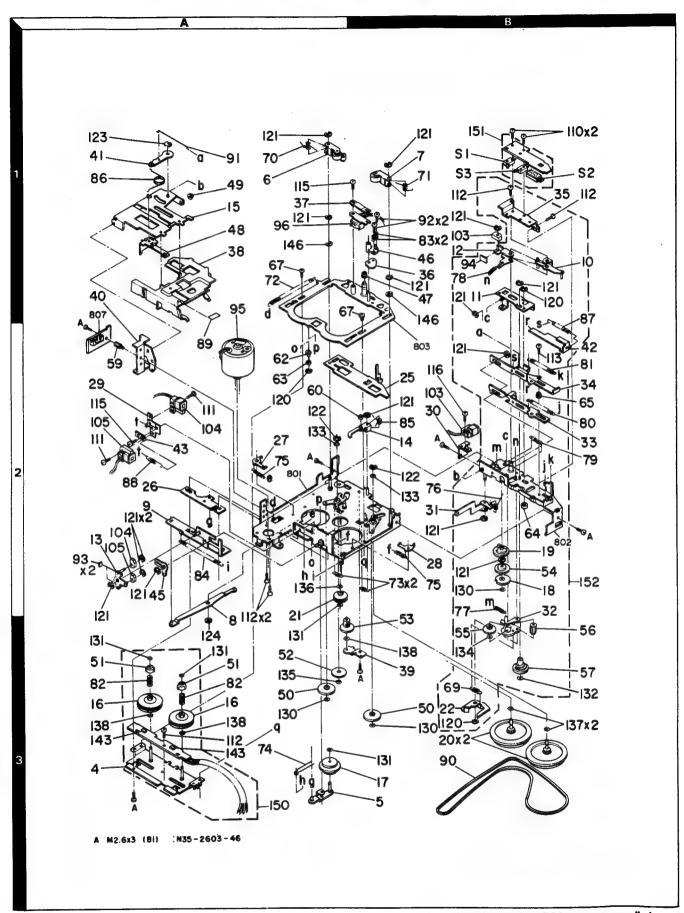
Die angegebenen Gleichspannungswerte wurden mit

einem hochohmigen Spannungsmesser gemessen.

Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder

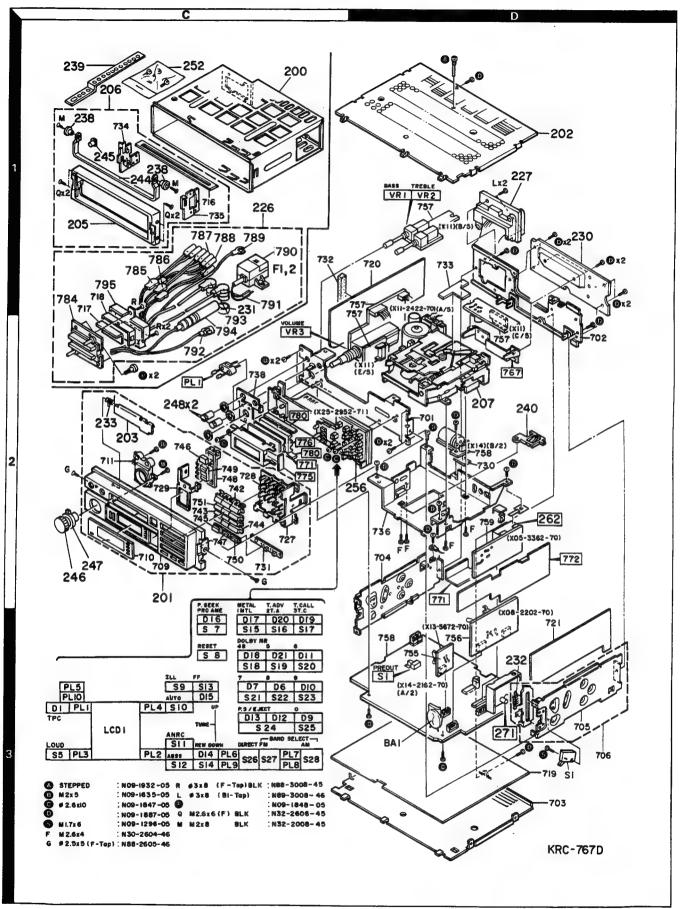
Geräten u.U. geringfügig.

EXPLODED VIEW (MECHANISM)





EXPLODED VIEW (UNIT)





× New Parts

Parts without Parts No. are not supplied.

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Telle ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- mark
参照者号	位置	Ħ	* * * *	部 晶 名/規 格		僧考
			KRC-7	67D		
200 201 202 203	1C 2C 1D 2C	* * *	A01-1563-01 A20-5310-02 A52-0106-13 A53-0943-03	METALLIC CABINET PANEL ASSY TOP PLATE CASSETTE LID		
205 206	1C 1C	* * * *	B58-0803-03 B07-1742-11 B07-1751-23 B46-0100-10 B50-6897-00	CAUTION CARD ESCUTCHEON ESCUTCHEON ASSY WARRANTY CARD INSTRUCTION MANUAL(E,F,G,I,D)	EEF	
 -		* * *	850-68 78- 00 850-8560-00 858-0853-04	INSTRUCTION MANUAL(GER,ITA) INSTRUCTION MANUAL(DUTCH) CAUTION CARD	EF ET	
C1			CEO4DW1C102M	ELECTRO 1000UF 16WV		
207	2D	*	D40-0567-05	CASSETTE MECHANISM ASSY		
226 227	1C 1D	*	E30-22 53-0 5 E30-22 56-0 5	CONNECTOR ASSY (CASE) CONNECTOR ASSY (SET)		
230 231 F1 F2	1D 1C	*:	F02-0052-13 F29-0046-15 F05-7521-05 F06-3026-05	HEAT SINK (REAR) INSULATING COVER(DIN CORD) FUSE (7.5A) ACC FUSE (3A) BACKUP		
232 233	3D 2C	*	G01-2040-04 G01-2044-04	EXTENSION SPRING(SIDE PLATE-R) TORSION COIL SPRING(CASET DOOR		
-		* * *	HD1-7606-04 HO3-0922-04 H10-3444-03 H10-3445-03 H25-0112-04	ITEM CARTON CASE OUTER CARTON CASE POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (180X250X0.05)		
MIT .			H25-0268-04	PROTECTION BAG		
238 239 240	1C 1C 1C	*	J31-0812-04 J54-0059-04 J19-2837-04	COLLAR STAY HOLDER		
244 245 246 247 248	10 10 20 20 20	* * * * * *	K01-0084-03 K27-1752-14 K27-1756-04 K27-1757-14 K27-1758-04	HANDLE KNOB (BUTTON) KNOB (BUTTON) VOLUME KNOB (BUTTON) FADER KNOB (BUTTON) TONE		
252 A B C D	1C 1D 2C 2C 2C,2D	* *	N99-0099-05 N09-1461-05 N09-1635-05 N09-1847-05 N09-1887-05	SCREW SET STEPPED SCREW (M2.6X14) TAPTITE SCREW (M2X5) EVATITE SCREW (2.6X10) TAPTITE SCREW		
P S	2C 3D	*	N09-1848-05 N09-1296-05	STEPPED SCREW (CASE-CONNECTOR MACHINE SCREW (M1.7X6)		
S1	30		S46-1076-05	LEAF SWITCH		
BA1	3D		WD9-0046-05	BATTERY		
256 256	2D 2D	*		SWITCH UNIT SWITCH UNIT	ET EF	

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Ref. No.	Address	New		D	scription			Re-
参照者号	位置	#	# 五 妻 号	# 4	名/規	格	nation 仕 向	mark
		TU	NER UNIT (X05-	3362-70: E,T,	2-72: El	F)		
C1 C3 ,4 C5 C6 C7			CE04DW1A101M CK41DY1C103M CE04DW1A101M C90-0484-05 C90-0482-05	ELECTRO CYLND CHIP C ELECTRO ELECTRO ELECTRO	100UF 0, 010UF 100UF 0, 47UF 4, 7UF	10WV M 10WV 50WV 25WV		
CB ,9 C10 C11 C12 C13			CEO4DW1HR47M CK41DB1H181K CEO4DW1HR47M CEO4DW1C100M CEO4DW1A101M	ELECTRO CYLND CHIP C ELECTRO ELECTRO ELECTRO	0. 47UF 180PF 0. 47UF 10UF 100UF	50WV K 50WV 16WV 10WV		
C14 ,15 C16 C17 C18 C19			CE04DW1E4R7M CE04DW1C22DM CK73FB1H562K CC41DSL1H33OJ CK73FB1H102K	ELECTRO ELECTRO CHIP C CYLND CHIP C CHIP C	4. 7UF 22UF 5600PF 33PF 1000PF	25WV 16WV K J K		
CN1 CN2 CN3		*	E40-3391-05 E40-3402-05 E40-3640-05	PIN ASSY PIN ASSY PIN ASSY				
CF1 +2 L1		*	L72-0524-05 L30-0462-15	CERAMIC FILTE	ER			
J1 -11 J21 -28 J21 -29 J33 R1			R92-0670-05 R92-0338-05 R92-0338-05 R92-0338-05 R0410B2B104J	CHIP R CLYND CHIP R CLYND CHIP R CLYND CHIP R CYLND CHIP R	MHØ O	J 1/8W	EF ET EF	
R3 R4 ,5 R6 R7 R8			RD41DB2B101J RD41DB2B100J RK73FB2A561J RD41DB2B222J RD41DB2B151J	CYLND CHIP R CYLND CHIP R CHIP R CYLND CHIP R CYLND CHIP R	10 560 2, 2K	J 1/8W J 1/8W J 1/10W J 1/8W J 1/8W		
R9 R10 R11 R12 R13			RD41DB2B181J RD41DB2B471J RK73FB2A683J RK73FB2A1B3J RK73FB2A100J	CYLND CHIP R CYLND CHIP R CHIP R CHIP R CHIP R		J 1/8W J 1/8W J 1/10W J 1/10W J 1/10W		
R14 R15 R16 R17 R18			RK73FB2A103J RK73FB2A222J RK73FB2A101J RK73FB2A222J RK73FB2A102J	CHIP R	10K 2. 2K 100 2. 2K 1. 0K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R19 R20 R21 R22 ;23 R24			RK73FB2A103J RK73FB2A473J RK73FB2A472J RD41DB2B473J RD41DB2B100J	CHIP R CHIP R CHIP R CYLND CHIP R CYLND CHIP R		J 1/10W J 1/10W J 1/10W J 1/8W J 1/8W		
R25 R26 R27 R28 R29			RK73FB2A123J RK73FB2A103J RD41DB2B100J RK73FB2A102J RK73FB2A683J	CHIP R CYLND CHIP R CHIP R	12K 10K 10 1. OK 68K	J 1/10W J 1/10W J 1/8W J 1/10W J 1/10W		
R30 R31			RK73FB2A103J RD41DB2B752J	CHIP R CYLND CHIP R	10K 7. 5K	J 1/10W J 1/8W		

E: Scandinavia & Europe K: USA

P: Canada

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U: PX(Far East, Hawaii) T: England

England M: Other Areas

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X: Australia



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Ref. N 参照者		Address 位 重	New Perts	Parts No. 多品音号		scription 名/規(M.		nation	Re- marks 音号
UR1 VR3 VR4				R12-3072-05 R12-3103-05 R12-3100-05	TRIMMING POT. TRIMMING POT. TRIMMING POT.	(47K)S0F	T ML	ITE INN		
D1 D1 D2 D3 TO1			*	DLS1585 RLS-73 1S5226 DAN202K IF3S2018	DINDE DINDE DINDE DINDE IC (FM IF AMP/DE	Т)				
102 02 03 04 05	6			KC-825 2SC2413K 2SA1037K DTC144EK 2SC2412K	IC(NØISE CAN FRANSISTØR TRANSISTØR DIGITAL TRANS TRANSISTØR		PX)			
262		20		W02-0768-05	FM FRONT-END					
		P	RE/	AMPLIFIER UNIT (EF)		
C5 .	2 4 6 8		*	CK41DB1H681K CF92V1H223J CEO4DW1C10OM CEO4MW0J101M CEO4MW1A101M	CYLND CHIP C MF ELECTRO ELECTRO ELECTRO	680PF 0. 022UF 10UF 100UF 100UF	K J 16k 6. :	3WV		
C10 C11 C13 , C15 ,	16			CE04MW1C100M C90-0495-05 CE04MW1C100M CF92V1H273J CE04MW1C100M	ELECTRO ELECTRO ELECTRO MF ELECTRO	10UF 47UF 10UF 0. 027UF 10UF	161 6. 3 161 J	AU AU		
C19 , C21 C22 C23 C24 ,				CE04MW1E4R7M CE04DW1A22OM CE04DW1A101M CE04DW1A471M CE04MW1C10OM	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	4. 7UF 22UF 100UF 470UF 10UF	250 100 100 100 160	10 10		
C26 ,			*	CK41DX1C222M CK73FB1H332K	CYLND CHIP C	2200PF 3300PF	M K			
	19 20			R92-0338-05 R92-0338-05 R92-0150-05 R92-0338-05 R92-0670-05	CLYND CHIP R CLYND CHIP R JUMPER REST CLYND CHIP R CHIP R	MHØ O			EF EF	
R5 .	2 4 6 8 10			RD41DB2B433J RD41DB2B363J RD41DB2B470J RD41DB2B154J RD41DB2B6B2J	CYLND CHIP R	36K 47 150K]]]	1/8W 1/8W 1/8W 1/8W 1/8W		
R11 , R13 , R15 R17 R18				RD41DB2B564J RD41DB2B513J RD41DB2B391J RD41DB2B103J RD41DB2B102J	CYLND CHIP R	51K 390 10K]]]	1/8W 1/8W 1/8W 1/8W 1/8W		
R19 R20 R21 R22 R23				RD41DB2B223J RD41DB2B103J RD41DB2B393J RD41DB2B103J RD41DB2B100J	CYLND CHIP R	10K 39K 10K]]]	1/8W 1/8W 1/8W 1/8W 1/8W		
R24 ,	25			RD41DB2B102J	CYLND CHIP R	1. OK	J	1/BW		

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P: Canada

U: PX(Far East, Hawaii) T: England

ngland M: Other Areas

UE : AAFES(Europe)

X: Australia

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Ref.	No.	Address		Parts No.	Description		Desti-	
# M	書号	位置	Parts #i	* 4 4 4	部品名/規	#	nation 仕 向	mark
VR1	,2			R12-3101-05	TRIMMING POT. (22K)PB	LEVEL		
	-3 -3			DLS1585 RLS-73 BA3406AL BH-2421 NR-9550	DIODE DIODE IC(PREAMP FOR TAPE EQ IC(DOLBY) IC(DOLBY)	X2)		
Q1 Q4	-3			DTC124EK DTA124EK	DIGITAL TRANSISTOR DIGITAL TRANSISTOR		ļ.	
46.4			TO		22-70: E,T, 2-72: EF)			
C1	-	T	-	C90-0482-05	ELECTRO 4. 7UF	25WV	ET	
C1	-4 ,3			C90-0482-05 C90-0482-05 C90-0482-05 C90-1263-05	ELECTRO 4. 7UF ELECTRO 4. 7UF ELECTRO 4. 7UF ELECTRO 100UF	25WV 25WV 25WV 16WV	EF ET ET	
C6 C7 C9 C11 C11	,8 ,10		*	CE04DW1C100M C90-0482-05 CK41DX1C332M CE04DW1HR22M CE04DW1HR22M	ELECTRO 10UF ELECTRO 4.7UF CYLND CHIP C 3300PF ELECTRO 0.22UF ELECTRO 0.22UF	16WV 25WV M 50WV 50WV	ET EF	
C12 C13 C15				CE04DW1HR22M C90-0478-05 C90-0478-05	ELECTR® 0.22UF ELECTR® 10UF ELECTR® 10UF	50WV 16WV 16WV	ET	
C16	,17			CEO4DW1HO10M CEO4DW1HO10M	ELECTRO 1. DUF ELECTRO 1. DUF	SOWV	ET EF	
C17 C18 C20 C23 C24		:	*	CE04DW1H010M CK41DB1H122K CE04DW1A470M CK41DF1E223Z CE04DW1C222M	ELECTR® 1.0UF CYLND CHIP C 1200PF ELECTR® 47UF CYLND CHIP C 0.022UF ELECTR® 2200UF	50WV K 10WV Z 16WV	ET	
C25 C27 C29 C46	.28			CE04DW1A102M CE04DW1A101M CF92V1H224J CK41DY1C103M	ELECTR® 1000UF ELECTR® 100UF MF 0.22UF CYLND CHIP C 0.010UF	10WV 10WV J M		
J4 J6 R1 R3 R5	,2			R92-0338-05 R92-0338-05 RD41DB2B102J RD41DB2B562J RD41DB2B101J	CLYND CHIP R 0 0HM CLYND CHIP R 0 0HM CYLND CHIP R 1.0K CYLND CHIP R 5.6K CYLND CHIP R 100	J 1/8W J 1/8W J 1/8W	ET EF	
R7 R9 R11 R13 R15	,14			RD41DB2B564J RD41DB2B272J RD41DB2B132J RD41DB2B472J RD41DB2B103J	CYLND CHIP R 560K CYLND CHIP R 2.7K CYLND CHIP R 1.3K CYLND CHIP R 4.7K CYLND CHIP R 10K	J 1/8W J 1/8W J 1/8W J 1/8W J 1/8W		
R17 R19 R21 R25 R27	,20 -24 ,26			RD41DB2B222J RD41DB2B472J RD41DB2B432J RD41DB2B223J RD41DB2B622J	CYLND CHIP R 2.2K CYLND CHIP R 4.7K CYLND CHIP R 4.3K CYLND CHIP R 22K CYLND CHIP R 6.2K	J 1/8W J 1/8W J 1/8W J 1/8W J 1/8W		
R29 R31 R33 R34 VR1	,32	1D	*	RD41DB2B222J RD41DB2B472J RD41DB2B473J RD41DB2B222J R10-4029-05	CYLND CHIP R 2.2K CYLND CHIP R 4.7K CYLND CHIP R 47K CYLND CHIP R 2.2K POTENTIOMETER (BASS)	J 1/8W J 1/8W J 1/8W J 1/8W TREBLE)		

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Ref. No.	Address	New Parts	Parts No.	Des	cription		nation	
参照委号	位置	*	* * * *	# A	名/規	#	仕 向	鲁考
VR3 VR4	2C	*	R24-3010-05 R12-3101-05	POTENTIOMETER TRIMMING POT. ((VØL,F (22K) SI	FAD.BAL) OK LEVEL		
IC1			KC-819	IC(TONE AMP XX IC(AF POWER AM	2) 40 / 5 .01	t V21		
IC3			TA7263P 2SA1036K	TRANSISTOR	1F/ J. 69	1 121	1	
01 →2 03 -8			2SD1328	TRANSISTOR			ļ	
03 -B			2SD1757K	TRANSISTOR				
Ω9			DTC124EK	DIGITAL TRANS			<u> </u>	
				UNIT (X13-56		J		1
C1			CF92V1H103J CF92V1H473J		D. 010UF D. 047UF	J		
C2 ,3 C4			C90-1263-05	ELECTRO	100UF	16WV		
C5			C90-0478-05		10UF	16WV		
C6			CF92V1H104J	MF	D. 10UF	J		
67			C90-0824-05		1UF	50WV		
CB •9			CF92V1H6B3J		0. 068UF 56PF	J J		
C10 C11		*	CC73FCH1H560J CQ93HP2A332J		3300PF	J		
C12			C90-0482-05		4. 7UF	25WV		
C13 -14			CF92V1H6B3J	MF	0. 068UF			
C15			CF92V1H154J		0. 15UF	J		
C16			CE04CW1C100M	ELECTR8	10UF	16WV		
L1		*	L39-0148-05	TRAP COIL				
R1			RD41DB2B220J	CYLND CHIP R		J 1/8W J 1/8W		
R2 R3	1	*	RD41DB2B624J RD41DB2B513J	CYLND CHIP R		J 1/8W		
R4			RD41DB2B753J	CYLND CHIP R	75K	J 1/8W		
R5			RD41DB2B1O4J	CYLND CHIP R	100K	J 1/8W		
R6			RD41DB2B101J	CYLND CHIP R		J 1/8W		
R7			RD41DB2B224J	CYLND CHIP R		J 1/8W J 1/8W		İ
RB R9			RD41DB2B123J RD41DB2B333J	CYLND CHIP R		J 1/8W		
R10			RD41DB2B683J	CYLND CHIP R		J 1/BW		
R11	1		RD41DB2B182J	CYLND CHIP R	1.8K	J 1/8W		
R12	1		RD41DB2B1O4J	CYLND CHIP R	100K	J 1/8W J 1/8W		
R13			RD41DB2B473J RD41DB2B684J	CYLND CHIP R		J 1/8W		
R14 R15			RD41DB2B431J	CYLND CHIP R		J 1/8W		
R16			RD41DB2B224J	CYLND CHIP R				
VR1		*		TRIMMING POT.			}	
IC1		*	TDA1579T	IC(DECODER)				
IC2			AN6556S	IC(NP AMP X2)		72. EE\		
51.4		_	THESIZER UNIT ()	LAMP	L, I , Z-1	2. 47		Т
PL1	20	*		_	4445	50121		
C6			C90-0824-05 C90-0478-05	ELECTRO ELECTRO	1UF 10UF	50WV 16WV	1	
C7 C8			C90-0477-05	ELECTRO	O. 1UF	50WV		
C9 ,10			CED4DW1C102M	ELECTRO	1000UF	16WV		
C11			CEO4DW1A101M	ELECTR0	100UF	10WV		
C12 -15			CE04DW1A221M	ELECTR8	220UF 10UF	10WV 16WV		
			C90-0478-05	ELECTR0				

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Teile ohne Parts No. werden nicht geliefert.

Ref. N	o.	Addı	ress		Parts No.	1	Description		Re-
参照者	- - - - - - - - - -	位		Parts #F	第品番号	# .	晶 名/規	#	marks 信考
C17 C19 C20 ,2 C22 C23	21				C90-0494-05 C90-0482-05 C90-0478-05 C90-0824-05 C90-0508-05	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	22UF 4. 7UF 10UF 1UF 2. 2UF	6. 3WV 25WV 16WV 50WV	
C24 ,2 C26 C29 C31 ,3 C33 -3	32			*	CK73FB1E273K C90-050B-05 CK73FB1E103K CK73FB1E223K C90-1263-05	CHIP C ELECTRO CHIP C CHIP C ELECTRO	0. 027UF 2. 2UF 0. 010UF 0. 022UF 100UF	K 50WV K K 16WV	
C36 +3 C38 +3 C40 C41 +4 C43	39				CK73FB1E223K CC73FCH1H100D C90-0495-05 CK73FB1E223K C90-0478-05	CHIP C CHIP C ELECTRO CHIP C ELECTRO	0. 022UF 10PF 47UF 0. 022UF 10UF	K D 6. 3WV K 16WV	
C44 C46 C47 C48 C49					CK73FB1E103K C90-0478-05 C90-0508-05 CF92V1H104J C90-0824-05	CHIP C ELECTRO ELECTRO MF ELECTRO	0. 010UF 10UF 2. 2UF 0. 10UF 1UF	K 16WV 50WV J 50WV	
C50 C51 C52 C53 C54					CK73FB1H152K CF92V1H104J CF92V1H154J CS15E1CO10M CK73FB1E223K	CHIP C MF MF TANTAL CHIP C	1500PF 0. 10UF 0. 15UF 1. 0UF 0. 022UF	K J J 16WV K	
C55 C56 •5 C58 C59 C60	57			*	CE04DW1A101M CC73FCH1H100D C90-0508-05 CK73FB1E223K CK73FB1E273K	ELECTRO CHIP C ELECTRO CHIP C CHIP C	100UF 10PF 2. 2UF 0. 022UF 0. 027UF	10WV D 50WV K K	
C61 +6 C63 C64 C65 C66	62			*	C90-0831-05 CK73FB1E273K CK73FB1E223K C90-0481-05 CE04DW1A101M	ELECTR® CHIP C CHIP C ELECTR® ELECTR®	33UF 0. 027UF 0. 022UF 3. 3UF 100UF	10WV K K 50WV 10WV	
C67 C69 C71 C72 C73					CK73FB1E223K CK73FB1E103K CK73FB1E223K CK73EB1E393K C90-0478-05	CHIP C CHIP C CHIP C CHIP C ELECTR®	0. 022UF 0. 010UF 0. 022UF 0. 039UF 10UF	K K K K 16WV	
C75 C76 + C80 + C82 + C84 + C84	81 83				C90-0477-05 CK73F81H562K CC73FSL1H561J CE04DW1E4R7M CE04DW1A101M	ELECTRO CHIP C CHIP C ELECTRO ELECTRO	0. 1UF 5600PF 560PF 4. 7UF 100UF	50WV K J 25WV 10WV	
C86 : 1 C8B : 1 C90 : 1 C92 : 1 C94 : 1	89 91 93				CC73FSL1H561J CE04DW1A22OM CE04DW1E4R7M CE04DW1A101M CC73FSL1H561J	CHIP C ELECTRO ELECTRO ELECTRO CHIP C	560PF 22UF 4. 7UF 100UF 560PF	J 10WV 25WV 10WV J	
C96 , C114 C115 C116 C117,					CE04DW1A220M CK73FB1E223K C90-0495-05 CK73FB1E223K CK73FB1E103K	ELECTRO CHIP C ELECTRO CHIP C CHIP C	22UF 0. 022UF 47UF 0. 022UF 0. 010UF	10WV K 6. 3WV K K	

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Ref. No.	Address New	Parts No.	Description	Desti- nation	Re-
参照者号	位 置 新	***	据 晶 名/規 格		童等
C119 C120 C121 C122 C123		C90-0478-05 C90-0508-05 CK73EB1E393K CK73FB1E103K C92-0002-05	ELECTRO 10UF 16WV ELECTRO 2.2UF 50WV CHIP C 0.039UF K CHIP C 0.010UF K CHIP TAN 0.22UF 35WV		
C124 C125,126 C127,128 C129 C130,131		CK73FB1E103K CK73EB1H103K CK73FB1E103K CE04DW1C222M CK73FB1H103K	CHIP C 0.010UF K CHIP C 0.010UF K CHIP C 0.010UF K ELECTRO 2200UF 16WV CHIP C 0.010UF K		
LH1 +2 LH4		J19-2826-05 J19-2826-05	HØLDER HØLDER		
X1 X2		L77-1112-05 L77-1110-05	CRYSTAL RESONATOR(4.1943MHZ) CRYSTAL RESONATOR(7.2MHZ)		!
J2 J4 -6 J9 J11 J14 -16		R92-0338-05 R92-0670-05 R92-0670-05 R92-0670-05 R92-0670-05	CLYND CHIP R O SHM CHIP R O SHM CHIP R O SHM CHIP R O SHM CHIP R O SHM		
J18 J21 J26 J28 J30		R92-0670-05 R92-0670-05 R92-0670-05 R92-0670-05 R92-0338-05	CHIPR 0 0HM CHIPR 0 0HM CHIPR 0 0HM CHIPR 0 0HM CLYND CHIPR 0 0HM		
J32 J33 J35 R10 R11 +12		R92-0338-05 R92-0338-05 R92-0338-05 RK73FB2A473J RK73FB2A103J	CLYND CHIP R O 8HM CLYND CHIP R O 8HM CLYND CHIP R O 8HM CHIP R 47K J 1/10k CHIP R 10K J 1/10k	1	
R13 R14 R16 R17 R18		RK73FB2A473J RK73FB2A102J RD14DB2H4R7J RK73FB2A473J RD41DB2B331J	CHIP R 47K J 1/10W CHIP R 1.0K J 1/10W SMALL-RD 4.7 J 1/2W CHIP R 47K J 1/10W CYLND CHIP R 330 J 1/8W		
R19 R20 R21 R22 -24 R25		RK73FB2A472J RK73FB2A222J RD14DB2H100J RK73FB2A223J RK73FB2A473J	CHIP R 4.7K J 1/10k CHIP R 2.2K J 1/10k SMALL-RD 10 J 1/2W CHIP R 22K J 1/10k CHIP R 47K J 1/10k		
R26 R27 -29 R30 -32 R33 R34		RD14DB2H102J RK73FB2A223J RK73FB2A222J RK73FB2A332J RK73FB2A223J	SMALL-RD 1.0K J 1/2W CHIP R 22K J 1/10W CHIP R 2.2K J 1/10W CHIP R 3.3K J 1/10W CHIP R 22K J 1/10W		
R35 R36 R37 +38 R39 +40 R41		RD14DB2H4R7J RK73FB2A103J RK73FB2A472J RK73FB2A223J RK73FB2A472J	SMALL-RD 4.7 J 1/2W CHIP R 10K J 1/10W CHIP R 4.7K J 1/10W CHIP R 22K J 1/10W CHIP R 4.7K J 1/10W		
R42 ,43 R45 R46 -49 R50 R53		RK73FB2A103J RK73FB2A102J RK73FB2A473J RK73FB2A103J RK73FB2A222J	CHIP R 10K J 1/10k CHIP R 1.0K J 1/10k CHIP R 47K J 1/10k CHIP R 10K J 1/10k CHIP R 2.2K J 1/10k		

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参照者号	位置	Perts #	郑 品 表 号	#	品 名/規	格		nation 仕 向	mark: 備考
R54 ,55 R56 ,57 R68 R69 R70			RK73FB2A223J RK73FB2A473J RK73FB2A222J RK73FB2A472J RK73FB2A222J	CHIP R CHIP R CHIP R CHIP R CHIP R	22K 47K 2. 2K 4. 7K 2. 2K	J J J J	1/10W 1/10W		
R71 R7275 R76 R77 R78			RK73FB2A472J RK73FB2A223J RK73FB2A103J RK73FB2A222J RK73FB2A472J	CHIP R CHIP R CHIP R CHIP R CHIP R	4. 7K 22K 10K 2. 2K 4. 7K	J J J J			
R79 R80 R82 •83 R84 R85 •86			RK73FB2A222J RK73FB2A472J RK73FB2A1B1J RK73FB2A473J RK73FB2A332J	CHIP R CHIP R CHIP R CHIP R CHIP R	2. 2K 4. 7K 180 47K 3. 3K]]]	1/10W 1/10W		
RB7 RB8 RB9 R90 R91			RK73FB2A473J RK73FB2A332J RK73FB2A473J RK73FB2A332J RK73FB2A473J	CHIP R CHIP R CHIP R CHIP R CHIP R	47K 3. 3K 47K 3. 3K 47K]]]	1/10W		
R92 R93 R94 R95 R96			RK73FB2A472J RK73FB2A222J RK73FB2A103J RK73FB2A563J RK73FB2A223J	CHIP R CHIP R CHIP R CHIP R CHIP R	4. 7K 2. 2K 10K 56K 22K]]]	1/10W 1/10W		
R97 R98 -100 R101 R102,103 R104			RK73FB2A104J RK73FB2A223J RK73FB2A103J RK73FB2A223J RK73FB2A473J	CHIP R CHIP R CHIP R CHIP R CHIP R	100K 22K 10K 22K 47K]]]			
R107 R108 R109,110 R111 R112			RK73FB2A103J RK73FB2A104J RK73FB2A392J RK73FB2A122J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R	10K 100K 3.9K 1.2K 10K]]]	1/1DW		
R113 R114 R115.116 R117.118 R119			RK73FB2A104J RK73FB2A223J RK73FB2A473J RK73FB2A103J RK73FB2A104J	CHIP R CHIP R CHIP R CHIP R CHIP R	100K 22K 47K 10K 100K]]]	1/10W		
R120 R121 R122 R123,124 R125			RK73FB2A103J RK73FB2A473J RK73FB2A104J RK73FB2A473J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R	10K 47K 100K 47K 10K	1 1 1	1/10W 1/10W 1/10W 1/10W 1/10W		
R126 R127 R128 R129 R130			RK73FB2A104J RK73FB2A103J RK73FB2A104J RK73FB2A103J RK73FB2A104J	CHIP R CHIP R CHIP R CHIP R CHIP R	100K 10K 100K 10K 100K]]]	1/10W 1/10W 1/10W 1/10W 1/10W		
R133 R134 R135 R136 R137			RK73FB2A222J RK73FB2A472J RK73FB2A222J RK73FB2A472J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R	2. 2K 4. 7K 2. 2K 4. 7K 10K]]] J	1/10W 1/10W 1/10W 1/10W 1/10W		

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Ref. No.	Address New Parts	Parts No.		Description		nation	Re- marks
参照者号	位置新	* * * *	#5	品名/規格		仕 向	備考
R138 R139 R140 R141-144 R145		RK73FB2A472J RK73FB2A473J RK73FB2A103J RK73FB2A474J RK73FB2A104J	CHIP R CHIP R CHIP R CHIP R CHIP R	47K 10K 470K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R146-150 R151 R152,153 R154 R155	*	RK73FB2A103J RK73FB2A333J RK73FB2A103J RK73FB2A334J RK73FB2A104J	CHIP R CHIP R CHIP R CHIP R CHIP R	33K 10K 330K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R156,157 R158 R159-162 R163 R164	*	RK73FB2A473J RK73FB2A223J RK73FB2A103J RK73FB2A334J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R	22K 10K 330K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R165 R166 R167,168 R169,170 R171,172	*	RK73FB2A472J	CHIP R CHIP R CHIP R CHIP R CHIP R	33K 330K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R173-175 R176-178 R179 R180 R181		RK73FB2A103J RK73FB2A473J RK73FB2A472J RK73FB2A102J RK73FB2A472J	CHIP R CHIP R CHIP R CHIP R CHIP R	47K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R182 R183 R184 R187,188 R189	*	RK73FB2A103J RK73FB2A101J RK73FB2A473J RK73FB2A394J RK73FB2A560J	CHIP R CHIP R CHIP R CHIP R CHIP R	10K 100 47K 390K 56	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R191 R192 R193 R194 R195		RK73FB2A103J RK73FB2A220J RK73FB2A101J RK73FB2A471J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R	10K 22 100 470 10K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R196,197 R198 R199 R200 R201		RK73FB2A152J RK73FB2A101J RK73FB2A471J RK73FB2A103J RK73FB2A332J	CHIP R CHIP R CHIP R CHIP R CHIP R	1.5K 100 470 10K 3.3K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R202 R203 R205 R206 R207	k	RK73FB2A334J RK73FB2A223J RK73FB2A103J RK73FB2A223J RK73FB2A333J	CHIP R CHIP R CHIP R CHIP R CHIP R	330K 22K 10K 22K 33K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R208 R209 R210 R211 R212		RK73FB2A102J RK73FB2A103J RK73FB2A333J RK73FB2A104J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R	1. OK 10K 33K 100K 10K	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		
R215 R216 R217 R218 R219		RK73FB2A103J RK73FB2A6B2J RK73FB2A333J RK73FB2A103J RK73FB2A100J	CHIP R CHIP R CHIP R CHIP R CHIP R	10K 6. 8K 33K 10K 10	J 1/10W J 1/10W J 1/10W J 1/10W J 1/10W		

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Ref. No.	Add	ress	1 1	Parts No.	-	De	scription			Desti-	Re-
参照者号	位		Perts ≸i	* * * *	都	A	名/規	格		nation 仕 向	mark
R220 R221,222 R223,224 R225,226 R227,228				RK73FB2A153J RK73FB2A3O3J RK73FB2A1O3J RK73FB2A6B2J RK73FB2A223J	CHIP R CHIP R CHIP R CHIP R CHIP R		15K 30K 10K 6.8K 22K]]]	1/10W 1/10W 1/10W 1/10W 1/10W		
R229 R230 R231 R232,233 R234,235				RK73FB2A472J RK73FB2A562J RK73FB2A101J RK73FB2A332J RK73FB2A102J	CHIP R CHIP R CHIP R CHIP R CHIP R		4. 7K 5. 6K 100 3. 3K 1. 0K]]]]	1/10W 1/10W 1/10W 1/10W 1/10W		
R236,237 R238,239 R240,241 R248,249 R250				RK73FB2A103J RK73FB2A1B1J RK73FB2A222J RK73FB2A223J RK73FB2A472J	CHIP R CHIP R CHIP R CHIP R CHIP R		10K 180 2. 2K 22K 4. 7K]]] J	1/10W 1/10W 1/10W 1/10W 1/10W		
R251 R252,253 R254 R255,256 R257,258				RK73FB2A562J RK73FB2A332J RK73FB2A101J RK73FB2A102J RK73FB2A103J	CHIP R CHIP R CHIP R CHIP R CHIP R		5. 6K 3. 3K 100 1. 0K 10K	J J J J	1/10W 1/10W 1/10W 1/10W 1/10W		
R259,260 R261,262 R283 R285 R286-290				RK73FB2A181J RK73FB2A222J RK73FB2A152J RK73FB2A222J RK73FB2A472J	CHIP R CHIP R CHIP R CHIP R CHIP R		180 2. 2K 1. 5K 2. 2K 4. 7K]]]	1/10W 1/10W 1/10W 1/10W 1/10W		
R292+293 R296-303 VR2 VR3				RK73FB2A223J RK73FB2A102J R12-3097-05 R12-3096-05	CHIP R CHIP R TRIMMING P TRIMMING P				T LVL		
S1	30	ı		S31-2100-05	SLIDE SWIT	СН	(PRE®	UT)			
D2 D3 D4 D4 D5				DAN202K RD11JS(B2) DLS1585 RLS-73 ERA15-01Y1	DIODE ZENER DIOD DIODE DIODE DIODE DIODE	E					
D6 D7 D8 D9 D10				DAN202K ERA15-01Y1 DSM1A1 DAP202K DLS1585	DIODE DIODE DIODE DIODE						
D10 D11 D12 D13 >14 D13 >14				RLS-73 RD5. 1JS(B2) DAN202K DLS1585 RLS-73	DINDE ZENER DIND DINDE DINDE DINDE	E					
D15 D17 +18 D17 +18 D20 +21 D20 +21				RD9. 1JS(B3) DLS1585 RLS-73 DLS1585 RLS-73	ZENER DIOD DIODE DIODE DIODE DIODE	E					
D25 D26 ,27 D26 ,27 D28 -31				DAP202K DLS1585 RLS-73 ERA15-01Y1	DINDE DINDE DINDE DINDE						

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Ref. No.	Address New Perts 位 董 新	Parts No. 數 品 書 号	Description 部 品 名 / 規 格	nation	Re- marks 備考
D32 D33 D33 D35 D36 -49		RDS. 6JS(B2) DLS1585 RLS-73 RDS. 1JS(B2) DLS1585	ZENER DIØDE DIØDE DIØDE ZENER DIØDE DIØDE		
D36 -49 D51 -58 D51 -58 D61 D63		RLS-73 DLS1585 RLS-73 ERA15-01Y1 DLS1585	DIODE DIODE DIODE DIODE DIODE		
D63 D65 -73 D65 -73 D74 D75		RLS-73 DLS1585 RLS-73 1SS101 1SS193	DINDE DINDE DINDE DINDE DINDE DINDE		
D76 D77 D77 D79 D79		DAN202K DLS1585 RLS-73 DLS1585 RLS-73	DINDE DINDE DINDE DINDE DINDE DINDE		
D80 D81 D81 D85 ,86		DAN202K DLS1585 RLS-73 DAN202K 75108G-604-18	DIODE DIODE DIODE DIODE DIODE IC(MICROPROCESSOR)		
IC2 IC3 ,4 IC5 IC6 ,7	*	LM7001 UPD4081BG BA3708F UPC4570G2 DTC124EK	IC(PLL FREQUENCY SYNTHESIZER) IC(AND X4) IC(MUSIC TRUCK SENSOR) IC(OP AMP X2) DIGITAL TRANSISTOR		
05 06 09 010 011		25C2412K DTC124EK 25B1015 25C2412K 25B822F	TRANSISTØR DIGITAL TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR		
012 ,13 014 ,15 016 017 018	*	25C2412K 25A1037K 25B822F(0.R) 25C2412K 25B822F	TRANSISTÖR TRANSISTÖR TRANSISTÖR TRANSISTÖR TRANSISTÖR TRANSISTÖR		
019 020 021 022 023		2SC2412K 2SB822F 2SC2412K 2SA1037K 2SB1015	TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR		
024 ,25 026 029 030 035 ,36		2SC2412K DTA144EK 2SA1037K 2SC2412K 2SB822F	TRANSISTØR DIGITAL TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR		
037 ,38 039 -41 042 043 -45 046		25C2412K 25B822F DTC124EK 25D1330 DTC124EK	TRANSISTØR TRANSISTØR DIGITAL TRANSISTØR TRANSISTØR DIGITAL TRANSISTØR		

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Ref. No.	Address No	Parts No.	Description	Desti- Re	rks
参照番号		* 多品香号	部品名/規格	仕 向 第	
947 948 949 950 -52 953		2SC2412K DTA144EK 2SA1037K 2SC2412K(S) 2SA1037K	TRANSISTØR DIGITAL TRANSISTØR TRANSISTØR TRANSISTØR TRANSISTØR		
054 055 056 •57 058 -69 070 •71		2SC2412K(S) 2SA1037K 2SC2412K DTA144EK DTC124EK	TRANSISTØR TRANSISTØR TRANSISTØR DIGITAL TRANSISTØR DIGITAL TRANSISTØR		
072 ,73 074 075 076 079		2SB822F DTC124EK 2SA1036K DTA144EK DTC124EK	TRANSISTØR DIGITAL TRANSISTØR TRANSISTØR DIGITAL TRANSISTØR DIGITAL TRANSISTØR		
Q80 Q81 -85 Q86 Q88 ,89 Q90		2SK669 2SC2412K(S) 2SC2412K DTA144EK DTC143TK	FET TRANSISTØR TRANSISTØR DIGITAL TRANSISTØR DIGITAL TRANSISTØR		
091 -95 099 •100		DTC144EK 2SC2412K	DIGITAL TRANSISTOR TRANSISTOR		
271	3D	* W02-0766-05	TUNER ASSY		_
			952-71: E,T, 2-73: EF)		
D1 D6 .7 D9 -21 LCD1 PL1 .2	30 30 30 30 30 30	# B30-1130-05 # B30-1190-05 # B30-1190-05 # B38-0100-05 # B30-1186-05	LED(SLH-38VC3) TPC LED LED LIGUID CRYSTAL LAMP		
PL3 +4 PL5 -7 PL8 -10	30 30 30	* B30-1187-05 * B30-1189-05 * B30-1188-05	LAMP LAMP LAMP		
C1 C2		* C91-0755-05 * C91-0768-05	CERAMIC 680PF K CERAMIC 0.0082UF M		
\$ 5 \$7 -28	30 30	S40-1096-05 S40-1096-05	PUSH SWITCH (LØUD) PUSH SWITCH		
IC1		* LC7582	IC(LCD_DRIVER)		
			(W02-0766-05)		
D14 D14 D14 D57		133110 13353 131555 SVC321 13V149	D10DE D10DE D10DE D10DE D10DE		
FET1 FET2 TR1 -5 TR1 -5 TR1 -5		25K163 25K184 25C2620 25C2714 25C2814	FET FET TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
			ASS'Y (W02-0768-05)		
D1 D2 -5 FET1		15V172 15V103 35K126	DISDE DISDE FET		

E: Scandinavia & Europe K: USA

P: Canada

EF: France Made

U: PX(Far East, Hawaii) T: England

M: Other Areas

UE : AAFES(Europe) X: Australia



× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Telle ohne Parts No. werden nicht gellefert.

Ref. No.	Address No.	ew Parts No.	Description	Desti- Re-	
参照者号		第	部品名/規格	仕 向 備考	
SCREW SET (N99-0099-05)					
		N09-0335-05 N09-0366-05 N10-1050-46 N14-0117-05	SCREW (05X16) HEX BOLT (M5X20) HEX NUT (M5) FLUNGE NUT (M5)		
	CA	SSETTE MECHA	NISM ASS'Y (D40-0567-05)		
4 5 6 7 8	3A 3B 1A 1B 3A	D03-0249-08 D10-1587-08 D10-1588-08 D10-1589-08 D10-1590-18	REEL DISK ASSY LEVER ASSY (FR ARM) LEVER ASSY (P.R ARM)F LEVER ASSY (P.R ARM)R LEVER ASSY (POWER ARM)		
9 10 11 12 13	2A 1B 1B 1B 2A	D10-1591-08 D10-1606-08 D10-1691-08 D10-1608-08 D10-1592-08	LEVER ASSY (MODE PLATE) LEVER ASSY (SELECT ARM) LEVER ASSY (POWER PLATE LEVER ASSY (CHIP ARM) LEVER ASSY (T CRANK))	
14 15 16 17 18	2B 1A 3A 3B 2B	D10-1593-08 D10-1594-08 D13-0322-08 D13-0321-08 D13-0323-08	LEVER ASSY (TIMING ARM) ARM (HØUSING ARM) GEAR ASSY (REEL PUSH) GEAR ASSY (FF GEAR) GEAR ASSY (RVS GEAR))	
19 20 21 22 25	28 38 3A 3B 2B	D13-0324-08 D01-0083-08 D15-0240-08 D10-1690-08 D10-1595-08	GEAR ASSY (EJ GEAR) FLYWHEEL ASSY PULLEY ASSY (TENSION PULL ARM LEVER (RVS PLATE)	LEY	
26 27 28 29 30	2A 2A 2B 2A 2B	D10-1596-08 D10-1597-08 D10-1598-08 J19-2620-08 J19-2621-08	LEVER (FF PLATE) LEVER (BRAKE PLATE LEVER (BRAKE PLATE BRACKET (PLUNGER)AT BRACKET (PLUNGER)B		
31 32 33 34 35	2B 3B 2B 2B 1B	D10-1609-08 D10-1689-08 D10-1611-08 D10-1612-08 J19-2624-08	ARM (TRIGGER PLA ARM (RVS TRIGGER LEVER (EJ PLATE) LEVER ASSY (RESET PLATE BRACKET)	
36 37 38 39 40	1B 1A 1A 3B 1A	D10-1688-08 G02-0383-08 J19-2622-08 D10-1600-08 * J19-2876-08	ARM (ADJUSTER) PLATE SPRING HOLDER (CASSETTE HOS ARM (GEAR SHAFT GU BRACKET (TRO)		
41 42 43 45 46	1A 2B 2A 2A 1B	D10-1601-08 D10-1613-08 D10-1602-08 D10-1603-08 D10-1604-08	ARM (BVER CENTER PL LEVER (SLIDE PLATE SLIDER (PLUNGER BUF ARM (FF CRANK) ARM (AZIMUTH ARM) FER	
47 48 49 50 51	1B 1A 1A 3A,3B 3A	D14-0137-08 J90-0162-08 D14-0138-08 D13-0318-08 B09-0056-08	RØLLER (H/P) C GUIDE (CATCH) RØLLER (H/A) GEAR (IDLER) CAP (REEL DRIVER)	
52 53 54	3A 3B 2B	D13-0319-08 D13-0320-08 D13-0325-08	GEAR (Ø15.2) GEAR (INPUT) GEAR (A)		

E: Scandinavia & Europe K: USA

P: Canada

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Ref. No.	Address	New Perts	Parts No.	Description	Desti- nation	Re-
参照者号	位置	5	部品 番号	部 品 名/規 格	仕 向	# 4
55 56 57 59 60	3B 3B 3B 2A 2A	*	D13-0326-08 D13-0327-08 D13-0328-08 J32-0320-08 D14-0139-08	GEAR (B) GEAR (C) GEAR (MODE) STUD ROLLER (TIMING/A)		
62 63 64 65 67	2A 2A 2B 2B 1A-1B		D14-0140-08 D14-0141-08 D14-0142-08 J30-0214-08 N09-1583-08	ROLLER (H/P ROLLER) A ROLLER (H/P ROLLER) B ROLLER (MODE) SPACER SCREW		
69 70 71 72 73	3B 1A 1B 1A 2B		G01-1860-08 G01-1794-08 G01-1795-08 G01-1796-08 G01-1797-08	TENSION SPRING TORSION SPRING (P.R ARM) F TORSION SPRING (P.R ARM) R TENSION SPRING (H/P) TENSION SPRING (IDLER)		
74 75 76 77 78	3A 2A,2B 2B 3B 1B		G01-1798-08 G01-1799-08 G01-1805-08 G01-1806-08 G01-1807-08	TORSION SPRING (FF ARM) TENSION SPRING (BRAKE) TORSION SPRING (TRIGGER) TENSION SPRING (RVS/T) TENSION SPRING (CHIP ARM)		
79 80 81 82 83	2B 2B 2B 3A 1B		601-1808-08 601-1809-08 601-1810-08 601-1793-08 601-1800-08	TENSION SPRING (STARTER) TENSION SPRING (EJ/P) TENSION SPRING (RESET/P) COMPRESSION SPRING (SLEEVE) COMPRESSION SPRING (SLEEVE)		
84 85 86 87 88	2A 2B 1A 1B 2A		G01-1801-08 G01-1802-08 G01-1803-08 G01-1823-08 G01-1804-08	TENSION SPRING (POWER) TORSION SPRING (TIMING ARM) TORSION SPRING (REVERSE) TENSION SPRING TENSION SPRING (BUFFER)		
89 90 91 92 93	2A 3B 1A 1B 2A		611-1145-08 D16-0127-08 D10-1605-08 N09-1584-08 J30-0213-08	CUSHION (CH) BELT ROD (OVER CENTER ROD SCREW (AZIMUTH) SPACER (T)		
94 95 96 103 104	1B 1A 1A 1B,2B 2A		611-1144-08 T43-0047-08 T31-0032-08 T94-0094-08 T94-0092-08	SØFT TAPE MOTOR ASSY PLAYBACK HEAD SØLENØID (PLUNGER) SØLENØID (PLUNGER)		
105 110 111 112 113	2A 1B 2A 3A,1B 2B		T94-0093-08 N09-1585-08 N09-1586-08 N09-1587-08 N09-1588-08	SØLENØID (PLUNGER) SCREW (M1.7X7) SCREW (M2X5.5) SCREW (M2X3) SCREW (M2X5)		
115 116 120 121 122	1A,2A 2B 2A,3B 2A,2B 2A,2B		N09-1589-08 N09-1590-08 N24-3012-41 N24-3015-41 N29-0097-08	SCREW (M2X4) SCREW (M2X5) E TYPE RETAINING RING (Ø1.2) E TYPE RETAINING RING (Ø1.5) E TYPE RETAINING RING(Ø1.6X3.5)		
123 124 130 131 132	1A 3A,1B 3A,3B 3A,3B 3B		N24-3025-41 N24-3030-41 N19-0374-05 N19-0375-05 N19-0987-08	E TYPE RETAINING RING (02.5) E TYPE RETAINING RING (03) FLAT WASHER (01.2X3X.25) FLAT WASHER (01.6X3.2X.25) FLAT WASHER (01.6X3.2X.5)		

E: Scandinavia & Europe K: USA

P: Canada

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T: England M: Other Areas

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Ref. No.	Address New Parts	Parts No.	Description	Desti- nation	Re- mark
参照者号	位置新	部品番号	部 品 名/規 格	仕 向	情书
133 134 135 136 137	2B,3B 3A,3B 3A 2A * 3B *	N19-0988-08 N19-0989-08 N19-0990-08 N19-1103-08 N19-1102-08	FLAT WASHER (Ø2.1X3.5X.25) FLAT WASHER (Ø2.1X4X.25) FLAT WASHER (Ø2.1X4X.25) FLAT WASHER (Ø2.1X4X.5) FLAT WASHER (Ø2.1X3.5X.4)		
138	3A,3B *	N19-1104-08	FLAT WASHER (Ø2.1X3.5X0.4)		
143 146 150	3A 1A * 3A *		PHOTO REFLECTOR CALLER REEL DISK ASSY		
151 152 - - S1	1B * * 1B *	A11-0191-08 J61-0077-08	PRINTED WIRING BOARD SUB CHASSIS ASSY WIRE BAND WIRE BAND LEAF SWITCH (MLS-4)		
52 \$3	1B 1B	S31-4020-08 S46-1077-08	SLIDE SWITCH (HEAD) LEAF SWITCH (MLS-2)		

E: Scandinavia & Europe K: USA

P: Canada

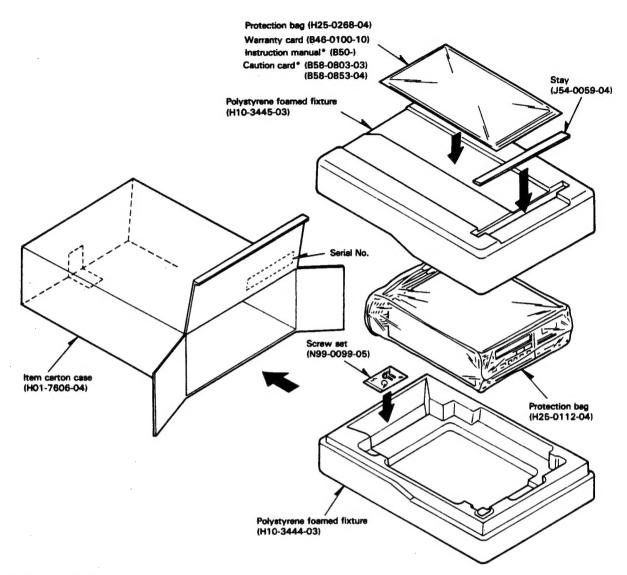
U: PX(Far East, Hawaii) T: England

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PACKING



* Refer to parts list on page 45.





SPECIFICATIONS

Specification subject to change without notice.

Specification subject to change without notice.	
FM Tuner Section	
Frequency Range	87.5~108.0 MHz
Usable Sensitivity (DIN)	1.1 µV/75 ohms
Stereo Sensitivity (S/N = 46 dB)	1.6 µV/75 ohms
Frequency Response (±4.5 dB)	30 ~ 15,000 Hz
Signal to Noise Ratio (IEC-A)	70 dB
Selectivity (DIN)	70 dB
Stereo Separation (1 kHz)	40 dB
19 kHz Carrier Leakage	50 dB
MW Tuner Section	
MW Frequency Range	531 ~ 1,611 kHz
MW Usable Sensitivity	30 µV
LW Tuner Section	
LW Frequency Range	153 ~ 281 kHz
LW Usable Sensitivity	60 µV
Cassette Deck Section	4.70
Tape Speed	4.76 cm/s
Wow and Flutter (WRMS)	0.12% (WHMS)
Wow and Flutter (DIN)	0.2% (W-PEAK)
Fast Winding Time (C-60)	100 sec
Frequency Response (120 µs)	kHz (+4 dB, -6 dB)
(70 µs)	kHz (+4 dB, -6 dB)
Stereo Separation (1 kHz)	40 dB
Signal to Noise Ratio (IEC-A)	FF 10
NR OFF	55 dB
Dolby-B	55 dB
Dolby-C	/2 08
Audio Section Maximum Output Power (1 kHz, 4 ohms)	0 14/~ 2
Maximum Output Power (1 kHz, 4 onms)	6.5 W×4
The state of the s	
Rated Output Power (10% THD, 1 kHz, 4 ohms)	5 W 2
Tone Action	2200: 100 Hz + 10 dB
Tone Action	eble: 10 kHz ± 10 dB
Preout Level/ImpedanceNorm	al: 200 m\//190 abms
Preout Level/Impedance	1,000 mV/180 ohms
General	
Operating Voltage (GND)	14 4 V (11~16 V)
Current Consumption	2 7 A at Bated Power
Dimensions (W×H×D)	188 x 58 x 177 mm
Ulmensions (YY X n X U)	2-5/16 × 6-15/16 in.)
Body Size (W×H×D)	182 x 52 x 159 mm
17.3/1	6 x 2-1/16 x 6-1/4 in.)
Weight	2.0 kg (4.6 lb)

Kenwood follows a policy of continuous advancements in development.

For this reason specifications may be changed without notice.

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Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

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Kenwood strebt ständige Verbesserungen in der Entwicklung an.

Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

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Note

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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